

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25463 - (Adrenal Cortex)

Sites:

19008 (Bilateral)
25020 (Capsule)
25224 (Left)
25223 (Right)
25318 (Subcapsular)
25198 (Zona Fasciculata)
25199 (Zona Glomerulosa)
25200 (Zona Reticularis)

Neoplastic Morphology:

12 (Adenoma)
51 (Carcinoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
224 (Lymphoma Malignant)
319 (Sarcoma)

Non-neoplastic Morphology:

506 (Accessory Adrenal Cortical Nodule)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25463 - (*Adrenal Cortex*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

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Study: 0505005

Tissue: 25463 - (Adrenal Cortex) ... (Neoplastic Morphologies .. continued)

3 (Distribution)

4 (Duration)

140 (Hematopoietic Cell Proliferation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

145 (Hemorrhage)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

182 (Hyperplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

12 (Infit Cel Qual)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25463 - (*Adrenal Cortex*) ... (*Neoplastic Morphologies .. continued*)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

270 (Karyomegaly)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasia Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

241 (Mitotic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25463 - (*Adrenal Cortex*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

314 (Regeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

335 (Thrombosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: **25463** - (*Adrenal Cortex*) ... (*Non-Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

(25463 -- Adrenal Cortex)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25464 - (Adrenal Medulla)

Sites:

19008 (Bilateral)
25224 (Left)
25223 (Right)

Neoplastic Morphology:

127 (Ganglioneuroma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
224 (Lymphoma Malignant)
548 (Neuroblastoma)
547 (Neuroblastoma Benign)
555 (Pheochromocytoma Benign)
294 (Pheochromocytoma Complex)
292 (Pheochromocytoma Malignant)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: **25464 - (Adrenal Medulla)** ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25464 - (*Adrenal Medulla*) ... (*Neoplastic Morphologies .. continued*)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Inflit Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasa Qual)
- 14 (Exudate)

PROTOCOL REQUIRED TISSUE HEIRARCHY

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Study: 0505005

Tissue: 25464 - (*Adrenal Medulla*) ... (*Neoplastic Morphologies .. continued*)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

335 (Thrombosis)

PROTOCOL REQUIRED TISSUE HEIRARCHY

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Study: 0505005

Tissue: **25464** - (*Adrenal Medulla*) ... (*Non-Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

(25464 -- Adrenal Medulla)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25013 - (Bone)

Sites:

25370 (Carpal)
25260 (Cartilage)
25263 (Costochondral Junction)
25264 (Cranium)
25271 (Epiphysis)
25275 (Femur)
25437 (Fibula)
19033 (Humerus)
25441 (Intervertebral Disc)
25202 (Joint)
25399 (Ligament)
25289 (Mandible)
25434 (Maxilla)
25438 (Meniscus)
25372 (Metacarpal)
25292 (Metaphysis)
25373 (Metatarsal)
25436 (Patella)
25136 (Pelvis)
25123 (Periosteum)
25374 (Phalanges)
25337 (Radius)
19052 (Rib)
25369 (Scapula)
25317 (Sternum)
25440 (Synovial Tissue)
25371 (Tarsal)
25443 (Tendon)
25323 (Tibia)
25212 (Turbinate)
25435 (Ulna)
25326 (Vertebra)

Neoplastic Morphology:

58 (Chondroma)
59 (Chondrosarcoma)
602 (Chordoma)

PROTOCOL REQUIRED TISSUE HEIRARCHY

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Study: 0505005

Tissue: 25013 - (Bone) ... (Neoplastic Morphologies .. continued)

115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
273 (Osteoma)
276 (Osteosarcoma)
319 (Sarcoma)

Non-neoplastic Morphology:

22 (Angiectasis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

607 (Arthrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

32 (Atrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

460 (Callus)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25013 - (Bone) ... (Neoplastic Morphologies .. continued)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

71 (Cyst)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)
- 15 (Cyst Qual)

86 (Degeneration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

119 (Fibrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

113 (Fibrous Osteodystrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

117 (Fracture)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25013 - (Bone) ... (Neoplastic Morphologies .. continued)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

180 (Hyperostosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25013 - (Bone) ... (Neoplastic Morphologies .. continued)

- 3 (Distribution)
- 4 (Duration)
- 12 (Infil Cel Qual)

197 (Inflammation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasa Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

274 (Osteomalacia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

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Study: 0505005

Tissue: 25013 - (Bone) ... (Non-Neoplastic Morphologies .. continued)

3 (Distribution)

4 (Duration)

417 (Osteopetrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

275 (Osteoporosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

806 (Osteosclerosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

303 (Pigmentation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

7 (Pigment Qual)

**** End of Tissue ****

(25013 -- Bone)

PROTOCOL REQUIRED TISSUE HEIRARCHY

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Study: 0505005

Tissue: 25012 - (Bone Marrow)

Sites:

25386 (Erythroid Cell)

25108 (Myeloid Cell)

Neoplastic Morphology:

115 (Fibroma)

116 (Fibrosarcoma)

142 (Hemangioma)

144 (Hemangiosarcoma)

606 (Histiocytic Sarcoma)

137 (Leukemia Granulocytic)

598 (Leukemia Mononuclear)

215 (Lipoma)

216 (Liposarcoma)

224 (Lymphoma Malignant)

535 (Mast Cell Tumor Benign)

536 (Mast Cell Tumor Malignant)

319 (Sarcoma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

22 (Angiectasis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

32 (Atrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25012 - (*Bone Marrow*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

519 (Depletion Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

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Study: 0505005

Tissue: 25012 - (*Bone Marrow*) ... (*Neoplastic Morphologies .. continued*)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Inflit Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25012 - (*Bone Marrow*) ... (*Neoplastic Morphologies .. continued*)

247 (Myelofibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

335 (Thrombosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: *25012 - (Bone Marrow) ... (Non-Neoplastic Morphologies .. continued)*

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

(25012 -- Bone Marrow)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25018 - (Brain)
.....

Sites:

25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25024 (Cerebellum)
25205 (Cerebrum)
25027 (Choroid Plexus)
25037 (Corpus Callosum)
19021 (Cranial Nerve)
25059 (Glial Cell)
25071 (Hippocampus)
25403 (Hypothalamus)
25288 (Lymphatic)
25102 (Medulla)
25104 (Meninges)
25329 (Neuron)
25305 (Pineal Gland)
25410 (Pons)
25208 (Purkinje Cell)
25170 (Thalamus)
25195 (Vein)
25206 (Ventricle)
25207 (Venule)

Neoplastic Morphology:

12 (Adenoma)
513 (Astrocytoma Benign)
514 (Astrocytoma Malignant)
51 (Carcinoma)
525 (Ependymoma Benign)
526 (Ependymoma Malignant)
115 (Fibroma)
116 (Fibrosarcoma)
127 (Ganglioneuroma)
527 (Glioma Benign)
129 (Glioma Malignant)
530 (Granular Cell Tumor Benign)
135 (Granular Cell Tumor Malignant)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25018 - (Brain) ... (Neoplastic Morphologies .. continued)

142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
224 (Lymphoma Malignant)
349 (Lymphoma Malignant Undifferentiated Cell Type)
620 (Medulloblastoma Bgn)
619 (Medulloblastoma Mal)
540 (Meningioma Benign)
541 (Meningioma Malignant)
548 (Neuroblastoma)
549 (Oligodendroglioma Benign)
550 (Oligodendroglioma Malignant)
319 (Sarcoma)
562 (Schwannoma Benign)
320 (Schwannoma Malignant)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

32 (Atrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25018 - (Brain) ... (Neoplastic Morphologies .. continued)

4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

78 (Compression)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

65 (Congestion)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

108 (Cyst Epithelial Inclusion)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

574 (Cytoplasmic Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

86 (Degeneration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25018 - (Brain) ... (Neoplastic Morphologies .. continued)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

88 (Demyelination)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

388 (Developmental Malformation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

99 (Edema)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

130 (Gliosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25018 - (Brain) ... (Neoplastic Morphologies .. continued)

145 (Hemorrhage)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

153 (Hydrocephalus)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Infit Cel Qual)

197 (Inflammation)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25018 - (Brain) ... (Neoplastic Morphologies .. continued)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasia Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25018 - (Brain) ... (Non-Neoplastic Morphologies .. continued)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

593 (Syncytial Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

335 (Thrombosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

** End of Tissue **

(25018 -- Brain)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25030 - (*Clitoral Gland*)
.....

Sites:

25007 (Arteriole)
25008 (Artery)
19008 (Bilateral)
25019 (Capillary)
25046 (Duct)
25288 (Lymphatic)
25221 (Nerve)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

12 (Adenoma)
51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
598 (Leukemia Mononuclear)
224 (Lymphoma Malignant)
319 (Sarcoma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25030 - (*Clitoral Gland*) ... (*Neoplastic Morphologies .. continued*)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)
- 15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25030 - (*Clitoral Gland*) ... (*Neoplastic Morphologies .. continued*)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Infit Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25030 - (*Clitoral Gland*) ... (*Neoplastic Morphologies .. continued*)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasia Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25030 - (*Clitoral Gland*) ... (*Non-Neoplastic Morphologies .. continued*)

314 (Regeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

(25030 -- Clitoral Gland)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25051 - (Epididymis)
.....

Sites:

25007 (Arteriole)
25008 (Artery)
19008 (Bilateral)
25019 (Capillary)
25331 (Epithelium)
25288 (Lymphatic)
25221 (Nerve)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

12 (Adenoma)
51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
211 (Leiomyoma)
212 (Leiomyosarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
215 (Lipoma)
216 (Liposarcoma)
224 (Lymphoma Malignant)
543 (Mesothelioma Benign)
234 (Mesothelioma Malignant)
319 (Sarcoma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25051 - (Epididymis) ... (Neoplastic Morphologies .. continued)

22 (Angiectasis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

32 (Atrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

71 (Cyst)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)
- 15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25051 - (Epididymis) ... (Neoplastic Morphologies .. continued)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

388 (Developmental Malformation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

578 (Granuloma Sperm)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25051 - (Epididymis) ... (Neoplastic Morphologies .. continued)

- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Inflt Cel Qual)

197 (Inflammation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasa Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25051 - (Epididymis) ... (Neoplastic Morphologies .. continued)

3 (Distribution)

4 (Duration)

261 (Necrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

303 (Pigmentation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

7 (Pigment Qual)

329 (Spermatocoele)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25051 - (Epididymis) ... (Non-Neoplastic Morphologies .. continued)

335 (Thrombosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

(25051 -- Epididymis)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25052 - (*Esophagus*)
.....

Sites:

25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25331 (Epithelium)
25288 (Lymphatic)
25061 (Muscularis)
25221 (Nerve)
25401 (Periesophageal Tissue)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
211 (Leiomyoma)
212 (Leiomyosarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
215 (Lipoma)
216 (Liposarcoma)
224 (Lymphoma Malignant)
319 (Sarcoma)
330 (Squamous Cell Carcinoma)
551 (Squamous Cell Papilloma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25052 - (*Esophagus*) ... (*Neoplastic Morphologies .. continued*)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)
- 15 (Cyst Qual)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25052 - (*Esophagus*) ... (*Neoplastic Morphologies .. continued*)

97 (Dysplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

109 (Erosion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

123 (Foreign Body)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

181 (Hyperkeratosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25052 - (*Esophagus*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Infilt Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasa Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25052 - (*Esophagus*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

289 (Perforation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25052 - (*Esophagus*) ... (*Non-Neoplastic Morphologies .. continued*)

4 (Duration)

348 (Ulcer)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

**** End of Tissue ****

(25052 -- Esophagus)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25053 - (Eye)

Sites:

25003 (Anterior Chamber)
25007 (Arteriole)
25008 (Artery)
19008 (Bilateral)
25019 (Capillary)
25028 (Choroid)
25029 (Ciliary Body)
25036 (Cornea)
25080 (Iris)
25224 (Left)
25093 (Lens)
25091 (Lens Capsule)
25288 (Lymphatic)
25221 (Nerve)
25113 (Optic Nerve)
25124 (Posterior Chamber)
25140 (Retina)
25407 (Retrobulbar)
25223 (Right)
25310 (Sclera)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

12 (Adenoma)
51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
211 (Leiomyoma)
212 (Leiomyosarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
215 (Lipoma)
216 (Liposarcoma)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25053 - (Eye) ... (Neoplastic Morphologies .. continued)

224 (Lymphoma Malignant)
538 (Melanoma Benign)
231 (Melanoma Malignant)
316 (Retinoblastoma)
319 (Sarcoma)
562 (Schwannoma Benign)
320 (Schwannoma Malignant)
330 (Squamous Cell Carcinoma)
551 (Squamous Cell Papilloma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

32 (Atrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25053 - (Eye) ... (Neoplastic Morphologies .. continued)

55 (Cataract)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

65 (Congestion)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

71 (Cyst)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)
- 15 (Cyst Qual)

465 (Cyst Dermoid)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

574 (Cytoplasmic Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25053 - (Eye) ... (Neoplastic Morphologies .. continued)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

88 (Demyelination)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

388 (Developmental Malformation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

97 (Dysplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

99 (Edema)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

110 (Exudate)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25053 - (Eye) ... (Neoplastic Morphologies .. continued)

3 (Distribution)

4 (Duration)

14 (Exudate)

119 (Fibrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

145 (Hemorrhage)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

182 (Hyperplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25053 - (Eye) ... (Neoplastic Morphologies .. continued)

12 (Inflt Cel Qual)

197 (Inflammation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasia Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

241 (Mitotic Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25053 - (Eye) ... (Neoplastic Morphologies .. continued)

589 (Nuclear Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

314 (Regeneration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

561 (Retinal Detachment)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

333 (Synechia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25053 - (Eye) ... (Non-Neoplastic Morphologies .. continued)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

335 (Thrombosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

(25053 -- Eye)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25067 - (*Harderian Gland*)

Sites:

25007 (Arteriole)
25008 (Artery)
19008 (Bilateral)
25019 (Capillary)
25046 (Duct)
25331 (Epithelium)
25224 (Left)
25288 (Lymphatic)
25221 (Nerve)
25223 (Right)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

12 (Adenoma)
51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
598 (Leukemia Mononuclear)
224 (Lymphoma Malignant)
319 (Sarcoma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25067 - (*Harderian Gland*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)
- 15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25067 - (*Harderian Gland*) ... (*Neoplastic Morphologies .. continued*)

4 (Duration)
10 (Degener Qual)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)
13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)
12 (Infit Cel Qual)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25067 - (*Harderian Gland*) ... (*Neoplastic Morphologies .. continued*)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

270 (Karyomegaly)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasia Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25067 - (*Harderian Gland*) ... (*Non-Neoplastic Morphologies .. continued*)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

314 (Regeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25067 - (*Harderian Gland*) ... (*Non-Neoplastic Morphologies .. continued*)

**** End of Tissue ****

(25067 -- *Harderian Gland*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25068 - (Heart)

Sites:

25007 (Arteriole)
25008 (Artery)
25238 (Atrium)
25019 (Capillary)
25035 (Coronary Artery)
25048 (Endocardium)
25405 (Epicardium)
25288 (Lymphatic)
25109 (Myocardium)
25221 (Nerve)
25119 (Pericardium)
25131 (Purkinje Fibers)
25237 (Valve)
25195 (Vein)
25206 (Ventricle)
25207 (Venule)

Neoplastic Morphology:

115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
211 (Leiomyoma)
212 (Leiomyosarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
224 (Lymphoma Malignant)
543 (Mesothelioma Benign)
234 (Mesothelioma Malignant)
317 (Rhabdomyoma)
318 (Rhabdomyosarcoma)
319 (Sarcoma)
562 (Schwannoma Benign)
320 (Schwannoma Malignant)

Non-neoplastic Morphology:

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25068 - (Heart) ... (Neoplastic Morphologies .. continued)

20 (Amyloid Deposition)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

22 (Angiectasis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

32 (Atrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

53 (Cardiomyopathy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

65 (Congestion)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25068 - (Heart) ... (Neoplastic Morphologies .. continued)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

119 (Fibrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25068 - (Heart) ... (Neoplastic Morphologies .. continued)

4 (Duration)
12 (Inflt Cel Qual)

197 (Inflammation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)
9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
11 (Metaplasa Qual)
14 (Exudate)

45 (Mineralization)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

261 (Necrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)
8 (Necrosis Qual)

303 (Pigmentation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25068 - (Heart) ... (Non-Neoplastic Morphologies .. continued)

4 (Duration)

7 (Pigment Qual)

314 (Regeneration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

335 (Thrombosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

**** End of Tissue ****

(25068 -- Heart)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25462 - (*Intestine Large, Cecum*)

Sites:

25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25331 (Epithelium)
25279 (Goblet Cell)
25288 (Lymphatic)
25408 (Lymphoid Tissue)
25061 (Muscularis)
25221 (Nerve)
25062 (Serosa)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

62 (Carcinoid Tumor Benign)
77 (Carcinoid Tumor Malignant)
51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
211 (Leiomyoma)
212 (Leiomyosarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
215 (Lipoma)
216 (Liposarcoma)
224 (Lymphoma Malignant)
309 (Polyp Adenomatous)
319 (Sarcoma)
562 (Schwannoma Benign)
320 (Schwannoma Malignant)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25462 - (*Intestine Large, Cecum*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

65 (Congestion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 2 (Count)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25462 - (*Intestine Large, Cecum*) ... (*Neoplastic Morphologies .. continued*)

3 (Distribution)

4 (Duration)

15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

10 (Degener Qual)

93 (Diverticulum)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

97 (Dysplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

99 (Edema)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25462 - (*Intestine Large, Cecum*) ... (*Neoplastic Morphologies .. continued*)

109 (Erosion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

123 (Foreign Body)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25462 - (*Intestine Large, Cecum*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Infil Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasa Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25462 - (*Intestine Large, Cecum*) ... (*Neoplastic Morphologies .. continued*)

- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

553 (Parasite Metazoan)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

289 (Perforation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

808 (Polyp, Inflammatory)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25462 - (*Intestine Large, Cecum*) ... (*Non-Neoplastic Morphologies .. continued*)

314 (Regeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

335 (Thrombosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

348 (Ulcer)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: *25462 - (Intestine Large, Cecum) ... (Non-Neoplastic Morphologies .. continued)*

(25462 -- Intestine Large, Cecum)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25460 - (*Intestine Large, Colon*)

Sites:

25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25331 (Epithelium)
25279 (Goblet Cell)
25288 (Lymphatic)
25408 (Lymphoid Tissue)
25061 (Muscularis)
25221 (Nerve)
25062 (Serosa)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

62 (Carcinoid Tumor Benign)
77 (Carcinoid Tumor Malignant)
51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
211 (Leiomyoma)
212 (Leiomyosarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
215 (Lipoma)
216 (Liposarcoma)
224 (Lymphoma Malignant)
309 (Polyp Adenomatous)
319 (Sarcoma)
562 (Schwannoma Benign)
320 (Schwannoma Malignant)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25460 - (*Intestine Large, Colon*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

65 (Congestion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 2 (Count)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25460 - (*Intestine Large, Colon*) ... (*Neoplastic Morphologies .. continued*)

3 (Distribution)

4 (Duration)

15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

10 (Degener Qual)

93 (Diverticulum)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

97 (Dysplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

99 (Edema)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25460 - (*Intestine Large, Colon*) ... (*Neoplastic Morphologies .. continued*)

109 (Erosion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

123 (Foreign Body)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25460 - (*Intestine Large, Colon*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Infil Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasa Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25460 - (*Intestine Large, Colon*) ... (*Neoplastic Morphologies .. continued*)

- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

553 (Parasite Metazoan)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

289 (Perforation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

808 (Polyp, Inflammatory)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25460 - (*Intestine Large, Colon*) ... (*Non-Neoplastic Morphologies .. continued*)

314 (Regeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

335 (Thrombosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

348 (Ulcer)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: *25460 - (Intestine Large, Colon) ... (Non-Neoplastic Morphologies .. continued)*

(25460 -- Intestine Large, Colon)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25461 - (*Intestine Large, Rectum*)

Sites:

25004 (Anus)
25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25025 (Circumanal Gland)
25331 (Epithelium)
25279 (Goblet Cell)
25288 (Lymphatic)
25408 (Lymphoid Tissue)
25061 (Muscularis)
25221 (Nerve)
25062 (Serosa)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

62 (Carcinoid Tumor Benign)
77 (Carcinoid Tumor Malignant)
51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
211 (Leiomyoma)
212 (Leiomyosarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
215 (Lipoma)
216 (Liposarcoma)
224 (Lymphoma Malignant)
309 (Polyp Adenomatous)
319 (Sarcoma)
562 (Schwannoma Benign)
320 (Schwannoma Malignant)

Non-neoplastic Morphology:

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25461 - (*Intestine Large, Rectum*) ... (*Neoplastic Morphologies .. continued*)

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

65 (Congestion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25461 - (*Intestine Large, Rectum*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)
- 15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

93 (Diverticulum)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

97 (Dysplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

99 (Edema)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25461 - (*Intestine Large, Rectum*) ... (*Neoplastic Morphologies .. continued*)

3 (Distribution)

4 (Duration)

109 (Erosion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

123 (Foreign Body)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

13 (Hyperplas Qual)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25461 - (*Intestine Large, Rectum*) ... (*Neoplastic Morphologies .. continued*)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Infl Cell Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasia Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25461 - (*Intestine Large, Rectum*) ... (*Neoplastic Morphologies .. continued*)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

553 (Parasite Metazoan)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

289 (Perforation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

808 (Polyp, Inflammatory)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25461 - (*Intestine Large, Rectum*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

314 (Regeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

335 (Thrombosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

348 (Ulcer)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: *25461 - (Intestine Large, Rectum) ... (Non-Neoplastic Morphologies .. continued)*
.....

4 (Duration)
.....

**** End of Tissue ****

(25461 -- Intestine Large, Rectum)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: *25457 - (Intestine Small, Duodenum)*

Sites:

25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25331 (Epithelium)
25279 (Goblet Cell)
25288 (Lymphatic)
25061 (Muscularis)
25221 (Nerve)
25120 (Peyer's Patch)
25062 (Serosa)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

62 (Carcinoid Tumor Benign)
77 (Carcinoid Tumor Malignant)
51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
211 (Leiomyoma)
212 (Leiomyosarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
215 (Lipoma)
216 (Liposarcoma)
224 (Lymphoma Malignant)
309 (Polyp Adenomatous)
319 (Sarcoma)
562 (Schwannoma Benign)
320 (Schwannoma Malignant)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25457 - (*Intestine Small, Duodenum*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

65 (Congestion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 2 (Count)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25457 - (*Intestine Small, Duodenum*) ... (*Neoplastic Morphologies .. continued*)

3 (Distribution)

4 (Duration)

15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

10 (Degener Qual)

93 (Diverticulum)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

97 (Dysplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

477 (Ectopic Tissue)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25457 - (*Intestine Small, Duodenum*) ... (*Neoplastic Morphologies .. continued*)

99 (Edema)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

109 (Erosion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

123 (Foreign Body)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25457 - (*Intestine Small, Duodenum*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Inflt Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasa Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25457 - (*Intestine Small, Duodenum*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

553 (Parasite Metazoan)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

289 (Perforation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25457 - (*Intestine Small, Duodenum*) ... (*Neoplastic Morphologies .. continued*)

7 (Pigment Qual)

808 (Polyp, Inflammatory)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

314 (Regeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

335 (Thrombosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

348 (Ulcer)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: *25457 - (Intestine Small, Duodenum) ... (Non-Neoplastic Morphologies .. continued)*
.....

1 (Severity)
3 (Distribution)
4 (Duration)

.....
** End of Tissue **

(25457 -- Intestine Small, Duodenum)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25459 - (*Intestine Small, Ileum*)

Sites:

25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25331 (Epithelium)
25279 (Goblet Cell)
25288 (Lymphatic)
25061 (Muscularis)
25221 (Nerve)
25120 (Peyer's Patch)
25062 (Serosa)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

62 (Carcinoid Tumor Benign)
77 (Carcinoid Tumor Malignant)
51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
211 (Leiomyoma)
212 (Leiomyosarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
215 (Lipoma)
216 (Liposarcoma)
224 (Lymphoma Malignant)
309 (Polyp Adenomatous)
319 (Sarcoma)
562 (Schwannoma Benign)
320 (Schwannoma Malignant)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25459 - (*Intestine Small, Ileum*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

65 (Congestion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 2 (Count)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25459 - (*Intestine Small, Ileum*) ... (*Neoplastic Morphologies .. continued*)

3 (Distribution)

4 (Duration)

15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

10 (Degener Qual)

93 (Diverticulum)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

97 (Dysplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

99 (Edema)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25459 - (*Intestine Small, Ileum*) ... (*Neoplastic Morphologies .. continued*)

109 (Erosion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

123 (Foreign Body)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25459 - (*Intestine Small, Ileum*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Infil Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasa Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25459 - (*Intestine Small, Ileum*) ... (*Neoplastic Morphologies .. continued*)

- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

553 (Parasite Metazoan)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

289 (Perforation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

808 (Polyp, Inflammatory)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25459 - (*Intestine Small, Ileum*) ... (*Non-Neoplastic Morphologies .. continued*)

314 (Regeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

335 (Thrombosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

348 (Ulcer)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: *25459 - (Intestine Small, Ileum) ... (Non-Neoplastic Morphologies .. continued)*

(25459 -- Intestine Small, Ileum)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25458 - (*Intestine Small, Jejunum*)

Sites:

25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25331 (Epithelium)
25279 (Goblet Cell)
25288 (Lymphatic)
25061 (Muscularis)
25221 (Nerve)
25120 (Peyer's Patch)
25062 (Serosa)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

62 (Carcinoid Tumor Benign)
77 (Carcinoid Tumor Malignant)
51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
211 (Leiomyoma)
212 (Leiomyosarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
215 (Lipoma)
216 (Liposarcoma)
224 (Lymphoma Malignant)
309 (Polyp Adenomatous)
319 (Sarcoma)
562 (Schwannoma Benign)
320 (Schwannoma Malignant)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25458 - (*Intestine Small, Jejunum*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

65 (Congestion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 2 (Count)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25458 - (*Intestine Small, Jejunum*) ... (*Neoplastic Morphologies .. continued*)

3 (Distribution)

4 (Duration)

15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

10 (Degener Qual)

93 (Diverticulum)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

97 (Dysplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

99 (Edema)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25458 - (*Intestine Small, Jejunum*) ... (*Neoplastic Morphologies .. continued*)

109 (Erosion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

123 (Foreign Body)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25458 - (*Intestine Small, Jejunum*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Infil Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasa Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25458 - (*Intestine Small, Jejunum*) ... (*Neoplastic Morphologies .. continued*)

- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

553 (Parasite Metazoan)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

289 (Perforation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

808 (Polyp, Inflammatory)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25458 - (*Intestine Small, Jejunum*) ... (*Non-Neoplastic Morphologies .. continued*)

314 (Regeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

335 (Thrombosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

348 (Ulcer)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: *25458 - (Intestine Small, Jejunum) ... (Non-Neoplastic Morphologies .. continued)*

(25458 -- Intestine Small, Jejunum)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25081 - (*Islets, Pancreatic*)
.....

Sites:

Neoplastic Morphology:

12 (Adenoma)

51 (Carcinoma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

574 (Cytoplasmic Alteration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25081 - (*Islets, Pancreatic*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25081 - (*Islets, Pancreatic*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Infit Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

270 (Karyomegaly)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasa Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

241 (Mitotic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25081 - (*Islets, Pancreatic*) ... (*Neoplastic Morphologies .. continued*)

3 (Distribution)

4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

7 (Pigment Qual)

314 (Regeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: *25081 - (Islets, Pancreatic) ... (Non-Neoplastic Morphologies .. continued)*
.....

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

.....
**** End of Tissue ****

(25081 -- Islets, Pancreatic)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25083 - (*Kidney*)

Sites:

25007 (Arteriole)
25008 (Artery)
19008 (Bilateral)
25019 (Capillary)
25020 (Capsule)
25040 (Cortex)
25065 (Glomerulus)
25224 (Left)
25288 (Lymphatic)
25102 (Medulla)
25221 (Nerve)
25135 (Papilla)
25136 (Pelvis)
25179 (Renal Tubule)
25223 (Right)
25225 (Transitional Epithelium)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

12 (Adenoma)
51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
528 (Fibrous Histiocytoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
215 (Lipoma)
216 (Liposarcoma)
224 (Lymphoma Malignant)
264 (Nephroblastoma)
801 (Oncocytoma Benign)
284 (Papilloma)
319 (Sarcoma)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25083 - (*Kidney*) ... (*Neoplastic Morphologies .. continued*)

810 (Stromal Nephroma)

Non-neoplastic Morphology:

809 (Accumulation, Hyaline Droplet)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

47 (Calculus Gross Observation)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25083 - (*Kidney*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

48 (Calculus Micro Observation Only)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

64 (Casts)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

813 (Casts Granular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

54 (Casts Protein)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

65 (Congestion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25083 - (*Kidney*) ... (*Neoplastic Morphologies .. continued*)

4 (Duration)

68 (Crystals)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
2 (Count)
3 (Distribution)
4 (Duration)
15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)
10 (Degener Qual)

95 (Dilatation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25083 - (*Kidney*) ... (*Neoplastic Morphologies .. continued*)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

134 (Glomerulosclerosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

155 (Hydronephrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25083 - (*Kidney*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

185 (Infarct)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Inflt Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

270 (Karyomegaly)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25083 - (*Kidney*) ... (*Neoplastic Morphologies .. continued*)

- 3 (Distribution)
- 11 (Metaplasia Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

454 (Nephropathy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25083 - (*Kidney*) ... (*Non-Neoplastic Morphologies .. continued*)

7 (Pigment Qual)

314 (Regeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

335 (Thrombosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

(25083 -- Kidney)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25415 - (*Larynx*)
.....

Sites:

25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25260 (Cartilage)
25446 (Epiglottis)
25387 (Glands)
25288 (Lymphatic)
25061 (Muscularis)
25221 (Nerve)
25388 (Respiratory Epithelium)
805 (Squamous Epithelium)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

12 (Adenoma)
51 (Carcinoma)
58 (Chondroma)
59 (Chondrosarcoma)
115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
211 (Leiomyoma)
212 (Leiomyosarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
215 (Lipoma)
216 (Liposarcoma)
224 (Lymphoma Malignant)
319 (Sarcoma)
330 (Squamous Cell Carcinoma)
551 (Squamous Cell Papilloma)

Non-neoplastic Morphology:

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25415 - (*Larynx*) ... (*Neoplastic Morphologies .. continued*)

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

65 (Congestion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25415 - (*Larynx*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)
- 15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

388 (Developmental Malformation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

97 (Dysplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

99 (Edema)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25415 - (*Larynx*) ... (*Neoplastic Morphologies .. continued*)

3 (Distribution)

4 (Duration)

109 (Erosion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

123 (Foreign Body)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

181 (Hyperkeratosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

182 (Hyperplasia)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25415 - (*Larynx*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Infit Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasa Qual)
- 14 (Exudate)

45 (Mineralization)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25415 - (*Larynx*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

289 (Perforation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

314 (Regeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25415 - (*Larynx*) ... (*Non-Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

348 (Ulcer)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

**** End of Tissue ****

(25415 -- Larynx)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25094 - (Liver)
.....

Sites:

25007 (Arteriole)
25008 (Artery)
25250 (Bile Duct)
25019 (Capillary)
25244 (Central Vein)
25241 (Centrilobular)
25249 (Endothelial Cell)
25110 (Hepatocyte)
25248 (Kupffer Cell)
25288 (Lymphatic)
25242 (Midzonal)
25221 (Nerve)
15098 (Oval Cell)
25240 (Periportal)
25239 (Portal)
25245 (Portal Vein)
25062 (Serosa)
25159 (Sinusoid)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

57 (Cholangiocarcinoma)
429 (Cholangioma)
528 (Fibrous Histiocytoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
480 (Hepatoblastoma)
428 (Hepatocellular Adenoma)
146 (Hepatocellular Carcinoma)
148 (Hepatocholangiocarcinoma)
606 (Histiocytic Sarcoma)
610 (Ito Cell Tumor Benign)
611 (Ito Cell Tumor Malignant)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
224 (Lymphoma Malignant)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25094 - (Liver) ... (Neoplastic Morphologies .. continued)

319 (Sarcoma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

22 (Angiectasis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

32 (Atrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

37 (Basophilic Focus)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 2 (Count)

41 (Bile Stasis)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25094 - (Liver) ... (Neoplastic Morphologies .. continued)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

63 (Clear Cell Focus)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 2 (Count)

65 (Congestion)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

68 (Crystals)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

71 (Cyst)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)
- 15 (Cyst Qual)

75 (Cytomegaly)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25094 - (Liver) ... (Neoplastic Morphologies .. continued)

3 (Distribution)

4 (Duration)

574 (Cytoplasmic Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

86 (Degeneration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

10 (Degener Qual)

89 (Depletion Glycogen)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

95 (Dilatation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

106 (Eosinophilic Focus)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

2 (Count)

111 (Erythrophagocytosis)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25094 - (Liver) ... (Neoplastic Morphologies .. continued)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

112 (Fatty Change)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

140 (Hematopoietic Cell Proliferation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

510 (Hepatodiaphragmatic Nodule)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25094 - (Liver) ... (Neoplastic Morphologies .. continued)

4 (Duration)

182 (Hyperplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

202 (Inclusion Body Intracytoplasmic)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

204 (Inclusion Body Intranuclear)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

185 (Infarct)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

2 (Count)

3 (Distribution)

4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25094 - (Liver) ... (Neoplastic Morphologies .. continued)

533 (Infiltration Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Inflt Cel Qual)

197 (Inflammation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

270 (Karyomegaly)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

237 (Metaplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasia Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25094 - (Liver) ... (Neoplastic Morphologies .. continued)

241 (Mitotic Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

246 (Mixed Cell Focus)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 2 (Count)

261 (Necrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

303 (Pigmentation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

314 (Regeneration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25094 - (Liver) ... (Non-Neoplastic Morphologies .. continued)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

817 (Tension Lipidosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

335 (Thrombosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

(25094 -- Liver)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25097 - (Lung)

Sites:

25074 (Alveolar Epithelium)
25404 (Alveolus)
25007 (Arteriole)
25008 (Artery)
19008 (Bilateral)
25256 (Bronchiole)
25257 (Bronchus)
25019 (Capillary)
25387 (Glands)
25279 (Goblet Cell)
25285 (Interstitialium)
25224 (Left)
25288 (Lymphatic)
25291 (Mediastinum)
25221 (Nerve)
25398 (Perivascular)
25223 (Right)
25062 (Serosa)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

12 (Adenoma)
18 (Alveolar/Bronchiolar Adenoma)
19 (Alveolar/Bronchiolar Carcinoma)
51 (Carcinoma)
58 (Chondroma)
59 (Chondrosarcoma)
115 (Fibroma)
116 (Fibrosarcoma)
528 (Fibrous Histiocytoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
211 (Leiomyoma)
212 (Leiomyosarcoma)
137 (Leukemia Granulocytic)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25097 - (Lung) ... (Neoplastic Morphologies .. continued)

598 (Leukemia Mononuclear)
224 (Lymphoma Malignant)
543 (Mesothelioma Benign)
234 (Mesothelioma Malignant)
625 (Mesothelioma NOS)
319 (Sarcoma)
330 (Squamous Cell Carcinoma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

32 (Atrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

65 (Congestion)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25097 - (Lung) ... (Neoplastic Morphologies .. continued)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

71 (Cyst)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)
- 15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

99 (Edema)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

102 (Emphysema)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25097 - (Lung) ... (Neoplastic Morphologies .. continued)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

109 (Erosion)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

111 (Erythrophagocytosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

123 (Foreign Body)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

140 (Hematopoietic Cell Proliferation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25097 - (Lung) ... (Neoplastic Morphologies .. continued)

4 (Duration)

145 (Hemorrhage)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

182 (Hyperplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)
13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)
12 (Infl Cell Qual)

197 (Inflammation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)
9 (Inflam Qual)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25097 - (Lung) ... (Neoplastic Morphologies .. continued)

270 (Karyomegaly)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

237 (Metaplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasia Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25097 - (Lung) ... (Non-Neoplastic Morphologies .. continued)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

807 (Proteinosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)

314 (Regeneration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

335 (Thrombosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25097 - (Lung) ... (Non-Neoplastic Morphologies .. continued)
.....

.....
** End of Tissue **

(25097 -- Lung)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25454 - (*Lymph Node, Bronchial*)
.....

Sites:

25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25221 (Nerve)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

51 (Carcinoma)
528 (Fibrous Histiocytoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
219 (Lymphangioma)
220 (Lymphangiosarcoma)
224 (Lymphoma Malignant)
556 (Plasma Cell Tumor Benign)
557 (Plasma Cell Tumor Malignant)
319 (Sarcoma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25454 - (*Lymph Node, Bronchial*) ... (*Neoplastic Morphologies .. continued*)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

65 (Congestion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

394 (Ectasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

111 (Erythrophagocytosis)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25454 - (*Lymph Node, Bronchial*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

140 (Hematopoietic Cell Proliferation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25454 - (*Lymph Node, Bronchial*) ... (*Neoplastic Morphologies .. continued*)

- 3 (Distribution)
- 4 (Duration)
- 12 (Infil Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasia Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: **25454** - (*Lymph Node, Bronchial*) ... (*Non-Neoplastic Morphologies .. continued*)

3 (Distribution)

4 (Duration)

7 (Pigment Qual)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

**** End of Tissue ****

(25454 -- Lymph Node, Bronchial)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25453 - (*Lymph Node, Mandibular*)
.....

Sites:

25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25221 (Nerve)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

51 (Carcinoma)
528 (Fibrous Histiocytoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
219 (Lymphangioma)
220 (Lymphangiosarcoma)
224 (Lymphoma Malignant)
556 (Plasma Cell Tumor Benign)
557 (Plasma Cell Tumor Malignant)
319 (Sarcoma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25453 - (*Lymph Node, Mandibular*) ... (*Neoplastic Morphologies .. continued*)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

65 (Congestion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

394 (Ectasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

111 (Erythrophagocytosis)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25453 - (*Lymph Node, Mandibular*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

140 (Hematopoietic Cell Proliferation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25453 - (*Lymph Node, Mandibular*) ... (*Neoplastic Morphologies .. continued*)

- 3 (Distribution)
- 4 (Duration)
- 12 (Infil Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasa Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: *25453 - (Lymph Node, Mandibular) ... (Non-Neoplastic Morphologies .. continued)*

3 (Distribution)

4 (Duration)

7 (Pigment Qual)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

**** End of Tissue ****

(25453 -- Lymph Node, Mandibular)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25467 - (*Lymph Node, Mediastinal*)
.....

Sites:

25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25221 (Nerve)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
219 (Lymphangioma)
220 (Lymphangiosarcoma)
224 (Lymphoma Malignant)
556 (Plasma Cell Tumor Benign)
557 (Plasma Cell Tumor Malignant)
319 (Sarcoma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

32 (Atrophy)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25467 - (*Lymph Node, Mediastinal*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

65 (Congestion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

394 (Ectasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

99 (Edema)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25467 - (*Lymph Node, Mediastinal*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

111 (Erythrophagocytosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

140 (Hematopoietic Cell Proliferation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25467 - (*Lymph Node, Mediastinal*) ... (*Neoplastic Morphologies .. continued*)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Inflt Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasia Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25467 - (*Lymph Node, Mediastinal*) ... (*Non-Neoplastic Morphologies .. continued*)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

(25467 -- Lymph Node, Mediastinal)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25452 - (*Lymph Node, Mesenteric*)
.....

Sites:

25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25221 (Nerve)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

51 (Carcinoma)
528 (Fibrous Histiocytoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
219 (Lymphangioma)
220 (Lymphangiosarcoma)
224 (Lymphoma Malignant)
556 (Plasma Cell Tumor Benign)
557 (Plasma Cell Tumor Malignant)
319 (Sarcoma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25452 - (*Lymph Node, Mesenteric*) ... (*Neoplastic Morphologies .. continued*)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

65 (Congestion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

394 (Ectasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

111 (Erythrophagocytosis)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25452 - (*Lymph Node, Mesenteric*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

140 (Hematopoietic Cell Proliferation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25452 - (*Lymph Node, Mesenteric*) ... (*Neoplastic Morphologies .. continued*)

- 3 (Distribution)
- 4 (Duration)
- 12 (Infil Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasa Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25452 - (*Lymph Node, Mesenteric*) ... (*Non-Neoplastic Morphologies .. continued*)

3 (Distribution)

4 (Duration)

7 (Pigment Qual)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

**** End of Tissue ****

(25452 -- Lymph Node, Mesenteric)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25100 - (Mammary Gland)

Sites:

25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25046 (Duct)
25331 (Epithelium)
25288 (Lymphatic)
25221 (Nerve)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

12 (Adenoma)
51 (Carcinoma)
114 (Fibroadenoma)
248 (Myoepithelioma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25100 - (Mammary Gland) ... (Neoplastic Morphologies .. continued)

4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

71 (Cyst)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
2 (Count)
3 (Distribution)
4 (Duration)
15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

86 (Degeneration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)
10 (Degener Qual)

95 (Dilatation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25100 - (Mammary Gland) ... (Neoplastic Morphologies .. continued)

119 (Fibrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

126 (Galactocele)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Infit Cel Qual)

197 (Inflammation)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25100 - (*Mammary Gland*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasia Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25100 - (*Mammary Gland*) ... (*Non-Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

314 (Regeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

(25100 -- Mammary Gland)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25233 - (Nose)

Sites:

25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25387 (Glands)
25279 (Goblet Cell)
25472 (Lateral Wall)
25288 (Lymphatic)
25295 (Nasolacrimal Duct)
25231 (Nasopharyngeal Duct)
25221 (Nerve)
25330 (Olfactory Epithelium)
25388 (Respiratory Epithelium)
25344 (Septum)
25204 (Sinus)
805 (Squamous Epithelium)
25212 (Turbinate)
25195 (Vein)
25207 (Venule)
25328 (Vomeronasal Organ)

Neoplastic Morphology:

12 (Adenoma)
51 (Carcinoma)
58 (Chondroma)
59 (Chondrosarcoma)
271 (Esthesioneuroblastoma)
115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
224 (Lymphoma Malignant)
317 (Rhabdomyoma)
318 (Rhabdomyosarcoma)
319 (Sarcoma)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25233 - (Nose) ... (Neoplastic Morphologies .. continued)

330 (Squamous Cell Carcinoma)

551 (Squamous Cell Papilloma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

22 (Angiectasis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

32 (Atrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

65 (Congestion)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25233 - (Nose) ... (Neoplastic Morphologies .. continued)

71 (Cyst)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)
- 15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

95 (Dilatation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

97 (Dysplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25233 - (Nose) ... (Neoplastic Morphologies .. continued)

99 (Edema)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

109 (Erosion)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

123 (Foreign Body)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25233 - (Nose) ... (Neoplastic Morphologies .. continued)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Inflt Cel Qual)

197 (Inflammation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasa Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25233 - (Nose) ... (Neoplastic Morphologies .. continued)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

808 (Polyp, Inflammatory)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

314 (Regeneration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25233 - (Nose) ... (Non-Neoplastic Morphologies .. continued)

4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

335 (Thrombosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

348 (Ulcer)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

**** End of Tissue ****

(25233 -- Nose)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25114 - (Ovary)

Sites:

25007 (Arteriole)
25008 (Artery)
19008 (Bilateral)
25019 (Capillary)
25262 (Corpus Luteum)
25276 (Follicle)
25385 (Germinal Epithelium)
25423 (Granulosa Cell)
25076 (Interstitial Cell)
25224 (Left)
25288 (Lymphatic)
25221 (Nerve)
25132 (Periovarian Tissue)
25400 (Rete Ovarii)
25223 (Right)
25422 (Thecal Cell)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

512 (Arrhenoblastoma Malignant)
51 (Carcinoma)
60 (Choriocarcinoma)
72 (Cystadenocarcinoma)
353 (Cystadenoma)
115 (Fibroma)
116 (Fibrosarcoma)
528 (Fibrous Histiocytoma)
407 (Granulosa Cell Tumor Benign)
406 (Granulosa Cell Tumor Malignant)
403 (Granulosa-Theca Tumor Benign)
401 (Granulosa-Theca Tumor Malignant)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25114 - (Ovary) ... (Neoplastic Morphologies .. continued)

217 (Luteoma)
224 (Lymphoma Malignant)
319 (Sarcoma)
621 (Teratoma Benign)
623 (Teratoma Malignant)
400 (Thecoma Benign)
399 (Thecoma Malignant)
811 (Tubulostromal Adenoma)
812 (Tubulostromal Carcinoma)
803 (Yolk Sac Carcinoma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

32 (Atrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

65 (Congestion)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25114 - (Ovary) ... (Neoplastic Morphologies .. continued)

4 (Duration)

71 (Cyst)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

2 (Count)

3 (Distribution)

4 (Duration)

15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

86 (Degeneration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

10 (Degener Qual)

119 (Fibrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

145 (Hemorrhage)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

3 (Distribution)

4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25114 - (Ovary) ... (Neoplastic Morphologies .. continued)

182 (Hyperplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Inflit Cel Qual)

197 (Inflammation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasa Qual)
- 14 (Exudate)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25114 - (Ovary) ... (Neoplastic Morphologies .. continued)

45 (Mineralization)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

593 (Syncytial Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

335 (Thrombosis)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25114 - (Ovary) ... (Non-Neoplastic Morphologies .. continued)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

** End of Tissue **

(25114 -- Ovary)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25115 - (*Pancreas*)
.....

Sites:

25001 (Acinus)
25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25046 (Duct)
25288 (Lymphatic)
25221 (Nerve)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

12 (Adenoma)
51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
528 (Fibrous Histiocytoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
224 (Lymphoma Malignant)
242 (Mixed Tumor Benign)
243 (Mixed Tumor Malignant)
319 (Sarcoma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25115 - (*Pancreas*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

37 (Basophilic Focus)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 2 (Count)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)
- 15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25115 - (*Pancreas*) ... (*Neoplastic Morphologies .. continued*)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25115 - (*Pancreas*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Inflt Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

816 (Lipomatosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasia Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

241 (Mitotic Alteration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25115 - (*Pancreas*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

314 (Regeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25115 - (*Pancreas*) ... (*Non-Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

335 (Thrombosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

(25115 -- Pancreas)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25116 - (*Parathyroid Gland*)

Sites:

19008 (Bilateral)
25224 (Left)
25223 (Right)

Neoplastic Morphology:

12 (Adenoma)
51 (Carcinoma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
2 (Count)
3 (Distribution)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25116 - (*Parathyroid Gland*) ... (*Neoplastic Morphologies .. continued*)

4 (Duration)
15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)
10 (Degener Qual)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)
13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25116 - (*Parathyroid Gland*) ... (*Neoplastic Morphologies .. continued*)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Inflt Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasia Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

241 (Mitotic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25116 - (*Parathyroid Gland*) ... (*Non-Neoplastic Morphologies .. continued*)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25116 - (*Parathyroid Gland*) ... (*Non-Neoplastic Morphologies .. continued*)

**** End of Tissue ****

(25116 -- Parathyroid Gland)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25121 - (*Pituitary Gland*)

Sites:

25251 (Craniopharyngeal Duct)
25297 (Pars Distalis)
25298 (Pars Intermedia)
25299 (Pars Nervosa)
25252 (Rathke's Cleft)

Neoplastic Morphology:

12 (Adenoma)
51 (Carcinoma)
79 (Craniopharyngioma)
606 (Histiocytic Sarcoma)
598 (Leukemia Mononuclear)
224 (Lymphoma Malignant)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25121 - (*Pituitary Gland*) ... (*Neoplastic Morphologies .. continued*)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)
- 15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25121 - (*Pituitary Gland*) ... (*Neoplastic Morphologies .. continued*)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Infit Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25121 - (*Pituitary Gland*) ... (*Neoplastic Morphologies .. continued*)

270 (Karyomegaly)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasia Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

241 (Mitotic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25121 - (*Pituitary Gland*) ... (*Non-Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

335 (Thrombosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25121 - (*Pituitary Gland*) ... (*Non-Neoplastic Morphologies .. continued*)
.....

(25121 -- Pituitary Gland)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25125 - (*Preputial Gland*)

Sites:

25007 (Arteriole)
25008 (Artery)
19008 (Bilateral)
25019 (Capillary)
25046 (Duct)
25224 (Left)
25288 (Lymphatic)
25221 (Nerve)
25223 (Right)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

12 (Adenoma)
51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
598 (Leukemia Mononuclear)
224 (Lymphoma Malignant)
319 (Sarcoma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25125 - (*Preputial Gland*) ... (*Neoplastic Morphologies .. continued*)

3 (Distribution)

4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

2 (Count)

3 (Distribution)

4 (Duration)

15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25125 - (*Preputial Gland*) ... (*Neoplastic Morphologies .. continued*)

10 (Degener Qual)

394 (Ectasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Infit Cel Qual)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25125 - (*Preputial Gland*) ... (*Neoplastic Morphologies .. continued*)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasia Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25125 - (*Preputial Gland*) ... (*Non-Neoplastic Morphologies .. continued*)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

314 (Regeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

(25125 -- Preputial Gland)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25126 - (Prostate)
.....

Sites:

25007 (Arteriole)
25008 (Artery)
19008 (Bilateral)
25019 (Capillary)
25331 (Epithelium)
25288 (Lymphatic)
25221 (Nerve)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

12 (Adenoma)
51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
598 (Leukemia Mononuclear)
224 (Lymphoma Malignant)
319 (Sarcoma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25126 - (*Prostate*) ... (*Neoplastic Morphologies .. continued*)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)
- 15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25126 - (*Prostate*) ... (*Neoplastic Morphologies .. continued*)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Infit Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25126 - (*Prostate*) ... (*Neoplastic Morphologies .. continued*)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasia Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25126 - (*Prostate*) ... (*Non-Neoplastic Morphologies .. continued*)

314 (Regeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

(25126 -- Prostate)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25148 - (Salivary Glands)
.....

Sites:

25007 (Arteriole)
25008 (Artery)
19008 (Bilateral)
25019 (Capillary)
25046 (Duct)
25288 (Lymphatic)
25221 (Nerve)
25117 (Parotid Gland)
25166 (Sublingual Gland)
25167 (Submandibular Gland)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

12 (Adenoma)
51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
598 (Leukemia Mononuclear)
224 (Lymphoma Malignant)
248 (Myoepithelioma)
319 (Sarcoma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25148 - (*Salivary Glands*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

37 (Basophilic Focus)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 2 (Count)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)
- 15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25148 - (*Salivary Glands*) ... (*Neoplastic Morphologies .. continued*)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

477 (Ectopic Tissue)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25148 - (*Salivary Glands*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Inflt Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

270 (Karyomegaly)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasa Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25148 - (*Salivary Glands*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

314 (Regeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: *25148 - (Salivary Glands) ... (Non-Neoplastic Morphologies .. continued)*

1 (Severity)
3 (Distribution)
4 (Duration)

**** End of Tissue ****

(25148 -- Salivary Glands)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25149 - (*Seminal Vesicle*)
.....

Sites:

25007 (Arteriole)
25008 (Artery)
19008 (Bilateral)
25019 (Capillary)
25331 (Epithelium)
25288 (Lymphatic)
25221 (Nerve)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

12 (Adenoma)
51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
598 (Leukemia Mononuclear)
224 (Lymphoma Malignant)
319 (Sarcoma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25149 - (*Seminal Vesicle*) ... (*Neoplastic Morphologies .. continued*)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

65 (Congestion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)
- 15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25149 - (*Seminal Vesicle*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

95 (Dilatation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25149 - (*Seminal Vesicle*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Infit Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

270 (Karyomegaly)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasa Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25149 - (*Seminal Vesicle*) ... (*Non-Neoplastic Morphologies .. continued*)

- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

314 (Regeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25149 - (*Seminal Vesicle*) ... (*Non-Neoplastic Morphologies .. continued*)
.....

.....
** End of Tissue **

(25149 -- Seminal Vesicle)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25153 - (Skin)
.....

Sites:

25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25034 (Conjunctiva)
25144 (Dermis)
25270 (Epidermis)
25070 (Hair)
25280 (Hair Follicle)
25357 (Lip)
25288 (Lymphatic)
25221 (Nerve)
25411 (Nipple)
25343 (Pinna)
25146 (Prepuce)
25311 (Sebaceous Gland)
25165 (Subcutaneous Tissue)
25321 (Sweat Gland)
25195 (Vein)
25207 (Venule)
25356 (Vulva)

Neoplastic Morphology:

12 (Adenoma)
36 (Basal Cell Adenoma)
35 (Basal Cell Carcinoma)
51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
528 (Fibrous Histiocytoma)
142 (Hemangioma)
143 (Hemangiopericytoma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
208 (Keratoacanthoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
215 (Lipoma)

PROTOCOL REQUIRED TISSUE HEIRARCHY

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Study: 0505005

Tissue: 25153 - (Skin) ... (Neoplastic Morphologies .. continued)

216 (Liposarcoma)
224 (Lymphoma Malignant)
535 (Mast Cell Tumor Benign)
536 (Mast Cell Tumor Malignant)
538 (Melanoma Benign)
231 (Melanoma Malignant)
861 (Neural Crest Tumor)
276 (Osteosarcoma)
319 (Sarcoma)
562 (Schwannoma Benign)
320 (Schwannoma Malignant)
330 (Squamous Cell Carcinoma)
551 (Squamous Cell Papilloma)
345 (Trichoepithelioma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

32 (Atrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)
3 (Distribution)
4 (Duration)

392 (Atypia Cellular)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25153 - (Skin) ... (Neoplastic Morphologies .. continued)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

65 (Congestion)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

71 (Cyst)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)
- 15 (Cyst Qual)

108 (Cyst Epithelial Inclusion)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

574 (Cytoplasmic Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25153 - (Skin) ... (Neoplastic Morphologies .. continued)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

97 (Dysplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

99 (Edema)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

109 (Erosion)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

123 (Foreign Body)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25153 - (Skin) ... (Neoplastic Morphologies .. continued)

145 (Hemorrhage)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

181 (Hyperkeratosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Infit Cel Qual)

197 (Inflammation)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25153 - (Skin) ... (Neoplastic Morphologies .. continued)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasia Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

287 (Parakeratosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25153 - (Skin) ... (Non-Neoplastic Morphologies .. continued)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

593 (Syncytial Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

335 (Thrombosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

348 (Ulcer)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

** End of Tissue **

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: *25153 - (Skin) ... (Non-Neoplastic Morphologies .. continued)*
.....

(25153 -- Skin)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25156 - (Spleen)
.....

Sites:

25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25020 (Capsule)
25288 (Lymphatic)
25157 (Lymphoid Follicle)
25221 (Nerve)
25158 (Red Pulp)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

115 (Fibroma)
116 (Fibrosarcoma)
528 (Fibrous Histiocytoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
211 (Leiomyoma)
212 (Leiomyosarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
215 (Lipoma)
216 (Liposarcoma)
224 (Lymphoma Malignant)
276 (Osteosarcoma)
556 (Plasma Cell Tumor Benign)
557 (Plasma Cell Tumor Malignant)
319 (Sarcoma)

Non-neoplastic Morphology:

507 (Accessory Spleen)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25156 - (*Spleen*) ... (*Neoplastic Morphologies .. continued*)

4 (Duration)

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

65 (Congestion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25156 - (Spleen) ... (Neoplastic Morphologies .. continued)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

519 (Depletion Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

111 (Erythrophagocytosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

140 (Hematopoietic Cell Proliferation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25156 - (Spleen) ... (Neoplastic Morphologies .. continued)

145 (Hemorrhage)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

185 (Infarct)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Inflit Cel Qual)

197 (Inflammation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25156 - (Spleen) ... (Neoplastic Morphologies .. continued)

237 (Metaplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasia Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25156 - (Spleen) ... (Non-Neoplastic Morphologies .. continued)

593 (Syncytial Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

335 (Thrombosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

(25156 -- Spleen)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25465 - (Stomach, Forestomach)
.....

Sites:

25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25331 (Epithelium)
25288 (Lymphatic)
25061 (Muscularis)
25221 (Nerve)
25062 (Serosa)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

36 (Basal Cell Adenoma)
35 (Basal Cell Carcinoma)
51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
211 (Leiomyoma)
212 (Leiomyosarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
215 (Lipoma)
216 (Liposarcoma)
224 (Lymphoma Malignant)
319 (Sarcoma)
330 (Squamous Cell Carcinoma)
551 (Squamous Cell Papilloma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25465 - (*Stomach, Forestomach*) ... (*Neoplastic Morphologies .. continued*)

3 (Distribution)

4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

2 (Count)

3 (Distribution)

4 (Duration)

15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25465 - (*Stomach, Forestomach*) ... (*Neoplastic Morphologies .. continued*)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

93 (Diverticulum)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

97 (Dysplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

99 (Edema)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

109 (Erosion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25465 - (*Stomach, Forestomach*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

123 (Foreign Body)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

181 (Hyperkeratosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25465 - (*Stomach, Forestomach*) ... (*Neoplastic Morphologies .. continued*)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Inflt Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasia Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25465 - (*Stomach, Forestomach*) ... (*Neoplastic Morphologies .. continued*)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

289 (Perforation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

314 (Regeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

348 (Ulcer)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25465 - (Stomach, Forestomach) ... (Non-Neoplastic Morphologies .. continued)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

(25465 -- Stomach, Forestomach)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25466 - (*Stomach, Glandular*)
.....

Sites:

25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25331 (Epithelium)
25387 (Glands)
25288 (Lymphatic)
25061 (Muscularis)
25221 (Nerve)
25062 (Serosa)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

12 (Adenoma)
62 (Carcinoid Tumor Benign)
77 (Carcinoid Tumor Malignant)
51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
211 (Leiomyoma)
212 (Leiomyosarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
215 (Lipoma)
216 (Liposarcoma)
224 (Lymphoma Malignant)
319 (Sarcoma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25466 - (*Stomach, Glandular*) ... (*Neoplastic Morphologies .. continued*)

3 (Distribution)

4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

65 (Congestion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

2 (Count)

3 (Distribution)

4 (Duration)

15 (Cyst Qual)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25466 - (*Stomach, Glandular*) ... (*Neoplastic Morphologies .. continued*)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

97 (Dysplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

394 (Ectasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

99 (Edema)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

109 (Erosion)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25466 - (*Stomach, Glandular*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

123 (Foreign Body)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25466 - (*Stomach, Glandular*) ... (*Neoplastic Morphologies .. continued*)

3 (Distribution)

4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

12 (Inflt Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

11 (Metaplasa Qual)

14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25466 - (*Stomach, Glandular*) ... (*Neoplastic Morphologies .. continued*)

4 (Duration)

8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

289 (Perforation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

7 (Pigment Qual)

314 (Regeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25466 - (*Stomach, Glandular*) ... (*Non-Neoplastic Morphologies .. continued*)

335 (Thrombosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

348 (Ulcer)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

(25466 -- Stomach, Glandular)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25169 - (*Testes*)
.....

Sites:

25007 (Arteriole)
25008 (Artery)
19008 (Bilateral)
25019 (Capillary)
25385 (Germinal Epithelium)
25076 (Interstitial Cell)
25224 (Left)
25288 (Lymphatic)
25221 (Nerve)
25139 (Rete Testes)
25223 (Right)
25312 (Sertoli Cell)
25183 (Tunic)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

12 (Adenoma)
51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
211 (Leiomyoma)
212 (Leiomyosarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
215 (Lipoma)
216 (Liposarcoma)
224 (Lymphoma Malignant)
543 (Mesothelioma Benign)
234 (Mesothelioma Malignant)
319 (Sarcoma)

Non-neoplastic Morphology:

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25169 - (*Testes*) ... (*Neoplastic Morphologies .. continued*)

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)
- 15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25169 - (*Testes*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

184 (Hypoplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25169 - (*Testes*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Infil Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasa Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25169 - (*Testes*) ... (*Non-Neoplastic Morphologies .. continued*)

- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

335 (Thrombosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25169 - (*Testes*) ... (*Non-Neoplastic Morphologies .. continued*)
.....

.....
** End of Tissue **

(25169 -- Testes)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25172 - (*Thymus*)

Sites:

25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25272 (Epithelial Cell)
25288 (Lymphatic)
25221 (Nerve)
25184 (Thymocyte)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
224 (Lymphoma Malignant)
336 (Thymoma Benign)
565 (Thymoma Malignant)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

32 (Atrophy)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25172 - (*Thymus*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)
- 15 (Cyst Qual)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

521 (Ectopic Parathyroid Gland)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

570 (Ectopic Thyroid)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25172 - (*Thymus*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Infil Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25172 - (*Thymus*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasia Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

335 (Thrombosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25172 - (*Thymus*) ... (*Non-Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

(25172 -- Thymus)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25173 - (*Thyroid Gland*)

Sites:

19008 (Bilateral)
25258 (C-Cell)
25276 (Follicle)
25332 (Follicular Cell)

Neoplastic Morphology:

12 (Adenoma)
51 (Carcinoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
224 (Lymphoma Malignant)
330 (Squamous Cell Carcinoma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25173 - (*Thyroid Gland*) ... (*Neoplastic Morphologies .. continued*)

4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

65 (Congestion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
2 (Count)
3 (Distribution)
4 (Duration)
15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)
10 (Degener Qual)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25173 - (*Thyroid Gland*) ... (*Neoplastic Morphologies .. continued*)

523 (Ectopic Thymus)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25173 - (*Thyroid Gland*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Infit Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasa Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

241 (Mitotic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25173 - (*Thyroid Gland*) ... (*Neoplastic Morphologies .. continued*)

- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

335 (Thrombosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

504 (Ultimobranchial Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25173 - (*Thyroid Gland*) ... (*Non-Neoplastic Morphologies .. continued*)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

(25173 -- Thyroid Gland)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25176 - (*Trachea*)
.....

Sites:

25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25260 (Cartilage)
25331 (Epithelium)
25387 (Glands)
25279 (Goblet Cell)
25288 (Lymphatic)
25221 (Nerve)
25402 (Peritracheal Tissue)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

12 (Adenoma)
51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
211 (Leiomyoma)
212 (Leiomyosarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
215 (Lipoma)
216 (Liposarcoma)
319 (Sarcoma)
330 (Squamous Cell Carcinoma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25176 - (*Trachea*) ... (*Neoplastic Morphologies .. continued*)

4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

2 (Count)

3 (Distribution)

4 (Duration)

15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25176 - (*Trachea*) ... (*Neoplastic Morphologies .. continued*)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

97 (Dysplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

99 (Edema)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

109 (Erosion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

123 (Foreign Body)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25176 - (*Trachea*) ... (*Neoplastic Morphologies .. continued*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Inflt Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25176 - (*Trachea*) ... (*Neoplastic Morphologies .. continued*)

4 (Duration)
9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
11 (Metaplasia Qual)
14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)
8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

289 (Perforation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)
3 (Distribution)
4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25176 - (*Trachea*) ... (*Non-Neoplastic Morphologies .. continued*)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

314 (Regeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

348 (Ulcer)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: *25176 - (Trachea) ... (Non-Neoplastic Morphologies .. continued)*

**** End of Tissue ****

(25176 -- Trachea)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25189 - (*Urinary Bladder*)

Sites:

25007 (Arteriole)
25008 (Artery)
25019 (Capillary)
25288 (Lymphatic)
25061 (Muscularis)
25221 (Nerve)
25062 (Serosa)
25225 (Transitional Epithelium)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
211 (Leiomyoma)
212 (Leiomyosarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
215 (Lipoma)
216 (Liposarcoma)
224 (Lymphoma Malignant)
284 (Papilloma)
317 (Rhabdomyoma)
318 (Rhabdomyosarcoma)
319 (Sarcoma)
330 (Squamous Cell Carcinoma)

Non-neoplastic Morphology:

20 (Amyloid Deposition)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25189 - (*Urinary Bladder*) ... (*Neoplastic Morphologies .. continued*)

3 (Distribution)

4 (Duration)

22 (Angiectasis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

32 (Atrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

47 (Calculus Gross Observation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

48 (Calculus Micro Observation Only)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

68 (Crystals)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25189 - (*Urinary Bladder*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

71 (Cyst)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)
- 15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

97 (Dysplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

99 (Edema)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25189 - (*Urinary Bladder*) ... (*Neoplastic Morphologies .. continued*)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

109 (Erosion)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25189 - (*Urinary Bladder*) ... (*Neoplastic Morphologies .. continued*)

3 (Distribution)

4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

12 (Inflt Cel Qual)

197 (Inflammation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

11 (Metaplasa Qual)

14 (Exudate)

45 (Mineralization)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

241 (Mitotic Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25189 - (*Urinary Bladder*) ... (*Neoplastic Morphologies .. continued*)

4 (Duration)

261 (Necrosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

303 (Pigmentation)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

7 (Pigment Qual)

314 (Regeneration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25189 - (*Urinary Bladder*) ... (*Non-Neoplastic Morphologies .. continued*)

348 (Ulcer)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

- 1 (Severity)
 - 3 (Distribution)
 - 4 (Duration)
-

**** End of Tissue ****

(25189 -- Urinary Bladder)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

.....
Tissue: 25192 - (Uterus)
.....

Sites:

25007 (Arteriole)
25008 (Artery)
19008 (Bilateral)
25019 (Capillary)
25026 (Cervix)
25181 (Endometrium)
25331 (Epithelium)
25288 (Lymphatic)
25182 (Myometrium)
25221 (Nerve)
25062 (Serosa)
25195 (Vein)
25207 (Venule)

Neoplastic Morphology:

12 (Adenoma)
51 (Carcinoma)
115 (Fibroma)
116 (Fibrosarcoma)
530 (Granular Cell Tumor Benign)
135 (Granular Cell Tumor Malignant)
142 (Hemangioma)
144 (Hemangiosarcoma)
606 (Histiocytic Sarcoma)
211 (Leiomyoma)
212 (Leiomyosarcoma)
137 (Leukemia Granulocytic)
598 (Leukemia Mononuclear)
224 (Lymphoma Malignant)
103 (Polyp Stromal)
319 (Sarcoma)
104 (Sarcoma Stromal)

Non-neoplastic Morphology:

15 (Adenomyosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25192 - (Uterus) ... (Neoplastic Morphologies .. continued)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

20 (Amyloid Deposition)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

22 (Angiectasis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

32 (Atrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

392 (Atypia Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

65 (Congestion)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25192 - (Uterus) ... (Neoplastic Morphologies .. continued)

71 (Cyst)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 2 (Count)
- 3 (Distribution)
- 4 (Duration)
- 15 (Cyst Qual)

574 (Cytoplasmic Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

85 (Decidual Reaction)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

86 (Degeneration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 10 (Degener Qual)

97 (Dysplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25192 - (Uterus) ... (Neoplastic Morphologies .. continued)

99 (Edema)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

109 (Erosion)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

119 (Fibrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

145 (Hemorrhage)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

154 (Hydrometra)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

182 (Hyperplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25192 - (Uterus) ... (Neoplastic Morphologies .. continued)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 13 (Hyperplas Qual)

183 (Hypertrophy)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

533 (Infiltration Cellular)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 12 (Inflt Cel Qual)

197 (Inflammation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 9 (Inflam Qual)

237 (Metaplasia)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 11 (Metaplasa Qual)
- 14 (Exudate)

45 (Mineralization)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25192 - (Uterus) ... (Neoplastic Morphologies .. continued)

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

261 (Necrosis)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 8 (Necrosis Qual)

589 (Nuclear Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

303 (Pigmentation)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)
- 7 (Pigment Qual)

314 (Regeneration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)
- 4 (Duration)

593 (Syncytial Alteration)

Qualifier Groups: ([Click here for list of qualifiers in each group](#))

- 1 (Severity)
- 3 (Distribution)

PROTOCOL REQUIRED TISSUE HEIRARCHY

Rats Inhalation Universal Download

Study: 0505005

Tissue: 25192 - (Uterus) ... (Non-Neoplastic Morphologies .. continued)

4 (Duration)

335 (Thrombosis)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

348 (Ulcer)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

76 (Vacuolization Cytoplasmic)

Qualifier Groups: (*Click here for list of qualifiers in each group*)

1 (Severity)

3 (Distribution)

4 (Duration)

**** End of Tissue ****

(25192 -- Uterus)

***** END OF REPORT *****