**Supplement S4-** Macroscopic and Microscopic Examination

|  |  |
| --- | --- |
| Adrenal glands (2)\*  Aorta\*  Bone with marrow (sternum, femur)  Bone marrow smear (from femur)a  Brain† (cerebrum, cerebellum\*,   striatum [left and right]\*)  Epididymides (2)b  Eyes with optic nerve (2)b\*  Gastrointestinal tract  Esophagus\*  Stomach\*  Duodenum\*  Jejunum\*  Ileum\*  Cecum\*  Colon\*  Rectum\*  Heart+\*  Kidneys (2)+\*  Larynx  Liver (sections of 2 lobes)+\*  Lungs (including bronchi)+\*  Lymph node  Axillary (2)\*  Mandibular (2)  Mesenteric\* | Pancreas\*  Peripheral nerve (sciatic)  Peyer’s patches  Pharynx  Pituitary\*  Prostate\*  Salivary glands [mandibular (2)]  Seminal vesicles (2)  Skeletal muscle (rectus femoris)\*  Skin (with section taken from same  anatomic area as female mammary  gland)\*  Spinal cord (cervical\*, thoracic,   lumbar)  Spleen+\*  Testes (2)b  Thymus\*  Thyroids [with parathyroids (2)]c\*  Tongue  Trachea  Urinary bladder  All gross lesions (per SOP) |

Note: Unless otherwise noted, all listed organs were examined both macroscopically and microscopically

a = Not taken from animals found dead; not placed in formalin. Only examined if scientifically warranted (based on hematology and histopathologic findings).

b = Testes and epididymides placed in modified Davidson’s solution; eyes and optic nerve placed in Davidson’s solution.

c = Parathyroids examined if present in the plane of section and in all cases where a gross lesion was present.

\* = Organ weighed for all animals in the first cohort (4-, 8-, and 12-months of age)

† = Organ weighed and measured (length and width) for all animals

+ = Additional section(s) of this organ examined microscopically following special (histochemical and/or immunohistochemical) staining procedures.