Diagnostic Laboratory Necropsy Report

Requester: Vogel
Investigator: 
Colony: 
Animal ID #: 04044
Species: Mn
Requester's Phone: 

Date of Death: 15 Apr 11
Date of Necropsy: 15 Apr 11
Time: 0930
Pathologist: RM

Nutritional Condition:
- [ ] Adequate
- [ ] Marginal
- [x] Poor
- [ ] Obese

Other Tests Required:
- [ ] Sero
- [ ] Micro
- [ ] Parasit
- [ ] Other: 

Other Diagnostic Samples: 

Type of report:
- [ ] Final
- [x] Preliminary: 15 Apr 11
- [ ] Amended

Clinical History:

This animal was assigned to special clinical cases, and has had chronic, non-responsive (to therapy) diarrhea, profound weight loss and moderate dehydration resulting in poor body condition, decreased appetite, severe hypoalbuminemia, and recent endoscopic mucosal GI biopsy consistent with IBD.

Gross Description:

An approximately 10 year old, approximately 5 kg, intact female pig-tailed macaque is presented for necropsy in poor nutritional (poor muscling, scant to no adipose stores, and moderately dehydrated) and good postmortem condition. There is moderate tartar deposition on the teeth; otherwise besides poor body condition there are no other external lesions and the integumentary and musculoskeletal systems are grossly unremarkable.

Distal large intestinal contents are loose (diarrhea) but otherwise unremarkable, there are some regions of the large intestine that may have thickened walls (could also be muscular contraction), and mesenteric lymph nodes are moderately enlarged. Otherwise, the nervous, cardiovascular, respiratory, digestive, urogenital, endocrine, and hemic-lymphatic systems are grossly unremarkable.

Gross Diagnosis(es):

1. Marked adipose and muscular atrophy with moderate dehydration
2. Diarrhea

Gross Comments:

Gross findings in concert with presentation and antemortem findings suggests a severe case of IBD/food allergy/hypersensitivity/dietary intolerance potentially complicated by a process such as enteric
amyloidosis. Further interpretations pending histology. Samples acquired for Engel's laboratory. Appropriate tissues/organs preserved in formalin.

Histological Findings:

Final Principal Diagnosis(es):

Cause of Death: Clinical euthanasia

Histology Comments:

Pathologist RM