

University of Washington
Regional Primate Research Center

Accession # 10-035
Submission Date 6 Apr 10

DIAGNOSTIC LABORATORY NECROPSY REPORT

Requester Flanary Investigator Hu Animal ID # J04245
Species Mn Requester's Phone _____

Date of Death 6 Apr 10 Date of Necropsy 6 Apr 10 Time 1100 Pathologist RM

Nutritional Condition: Adequate Marginal Poor Obese

Other Tests Required: Sero Micro Parasit Other _____

Other Diagnostic Samples _____

Type of report: Final Preliminary 6 Apr 10 Amended _____

Clinical History:

This pig-tailed macaque was enrolled in the study "Protective efficacy of glycan-modified Env vaccines vs heterologous vaccines", and was vaccinated multiple times with a vaccina viral vector expressing env gp160, and then challenged in May 09 with SHIV SF162p. The animal developed over 25% body weight loss, moderate reduction in CD4+ lymphocytes, and recently severe dehydration and diarrhea.

Gross Description:

A 5 year old, intact male, approximately 5 kg pig-tailed macaque is presented euthanized for necropsy in good postmortem and poor nutritional (scant to no adipose stores and poor muscling) condition. There is multifocal, moderate alopecia. There are no other significant external lesions and the musculoskeletal and integumentary systems are otherwise grossly unremarkable.

Large intestinal contents are loose and putrid, and the animal is severely dehydrated. Otherwise, the nervous, respiratory, cardiovascular, digestive, urogenital, endocrine and hemic-lymphatic systems are grossly unremarkable.

Gross Diagnosis(es):

1. Emaciation with dehydration
2. Diarrhea

Gross Comments:

Changes present likely represent progressing SAIDS. Tissues acquired as per research protocol. Appropriate tissues/organs preserved in formalin. Further interpretations pending histology.