

CAHFS Electron Microscopy Submission Form Virus Identification and Screening on Clinical Samples

Date:	Animal species:	Specimen Label/ Accession #
Please submit samples with full information: CAHFS standard submission form, pathology report Instructions for handling and submission: https://cahfs.vetmed.ucdavis.edu/tests-and-fees/diagnostic-services/electron-microscopy		
Disease/virus(es) suspected:		

Test Code	# of samples	Test Requested
11156		TEM - Virus identification and screening on clinical sample (fresh animal fluid/tissue)
		TEM - Virus morphometry
		TEM - Virus quantification
		Other:
		Other:

* For research project, please contact electron microscopy staff

Virus identification and screening on clinical samples (fresh animal fluid/tissue)

		Content	Tissue	Secretion	Fluid	Exudate	Scraping					
1	Large intestine											
2	Small intestine											
3	Nasal turbinate Trachea / Bronchus											
4	Lungs											
5	Liver / Kidney / Heart											
6	Spleen / Lymph node											
7	Brain / Eyes											
8	Skin											
9	Reproductive Organs											
10	Cartilage / Bone											
11	Feces											
12												

Handling clinical samples (fresh animal fluid/tissue)

- Do not pool samples (sample pooling works for molecular analysis but not for EM virus screening)
- Secretion, exudate, lavage, fluid, and feces:
 - > 3.0 ml (ideal), >0.5 ml (minimum)
- Soft tissue and bone:
 - > 3.0 g (ideal), >0.5 g (minimum)
- Sample must be collected in any available sterile vial and submitted fresh, refrigerated, or frozen
- Specimen for negative staining must be shipped frozen