

Standard Operating Procedure

SOP Number: **02-18-5753**

Service: **Research**

Operating Section: **Diagnostic Laboratory**

Unit: **CMF**

Title: **Animal Necropsy Procedures**

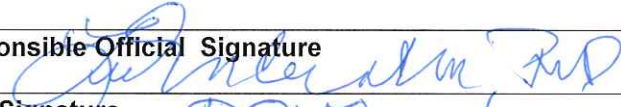
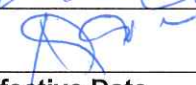
Purpose:

To describe the procedures to be followed when performing a necropsy.

Procedure:

- 1) Upon PI or veterinary request, the Laboratory Coordinator or Veterinarian will perform a gross prosection, collect samples for supportive studies if needed, and document gross findings as soon as possible following death of an animal. A complete necropsy may include:
 - a) Photograph of animal carcass with ruler to demonstrate size or external physical abnormalities if needed.
 - b) External gross examination noting overall animal condition and any lesions.
 - c) Removal of identification chip if requested.
 - d) After careful opening of the abdominal cavity, collect and/or observe the following:
 - i) Collect abdominal swabs for culture when indicated.
 - ii) Observe gross appearance of all internal organs and record any abnormalities on the gross pathology report. Note any blood or pus in the cavity; abnormal size, color, or lesions of internal organs, or masses.
 - iii) Take photographs as appropriate.
 - iv) Collect samples when indicated.
 - (a) Samples for freezing should be placed in cryogenic tubes and labeled with lab accession number and tissue type.
 - (b) Samples for histology should be placed in 10% buffered formalin and labeled with lab accession number and tissue type.
 - 2) If warranted, tissues will be submitted for histological processing. Slides will be evaluated by a veterinary pathologist.
 - 3) Other supportive studies may include:
 - a) Parasitology
 - b) Hematology
 - c) Chemistry
 - d) Bacteriology
 - e) Virology
 - f) Urinalysis
 - 4) The Laboratory Coordinator will collate all results into a final pathology report which will be submitted to the veterinarian and saved to the CMF shared drive.
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APPROVALS

Responsible Official Signature		Date	03/15/2018
QA Signature		Date	03/15/2018
Version #3	Effective Date	Supersedes #2	Original Date 10/20/09