Anatomic pathology is concerned with the diagnosis of disease based on the macroscopic, microscopic, biochemical, immunologic and molecular examination of organs and tissues. Our pathologists provide the following services:

- Gross pathology - the examination of abnormal tissues grossly with the naked eye. This is important especially for large tissue changes because the abnormal change may be related to abnormal anatomic tissue location, intussusception, necrosis or infectious disease which often can be visually identified. It is also at this step that the pathologist selects areas that will be processed for histopathology.

To answer specific questions please contact the VDL Business Office at 217-333-1620 or email vdloffice@vetmed.illinois.edu.
• Histopathology – the microscopic examination of stained tissue sections using histological techniques. The standard stains are haematoxylin and eosin, but many others special stains exist which can further assist the diagnosis of fungal, bacterial and other possible infectious agents. The use of haematoxylin and eosin-stained slides to provide specific diagnoses based on morphology is considered to be the core skill of anatomic pathology.

• Immunohistochemistry – the use of antibodies to detect the presence, abundance, and localization of specific viral antigen and proteins. This technique is used to distinguishing between disorders with similar morphology, identifying specific infectious diseases, as well as characterizing the molecular properties of many cancers.

Correspondence
1224 Veterinary Medicine Basic Sciences Bldg.
2001 South Lincoln Avenue
Urbana, IL 61802
email: vdldirectoroffice@vetmed.illinois.edu

Specimens
P.O. Box U
2001 South Lincoln Avenue
Urbana, IL 61802

Client Services
phone: (217) 333-1620
email: vdloffice@vetmed.illinois.edu

Diagnostic Specimen Receiving
phone: (217) 244-7630    fax: (217) 244-2439

Laboratory Hours:
Monday–Friday     8 a.m. to 5 p.m.