The MSU VDL is a full-service veterinary diagnostic laboratory, fully accredited by the AAVLD for all species.

Our Service
Safe and effective vaccines against major infectious diseases of dogs and cats have had a major impact on disease incidence. Side effects associated with repeated vaccination and new knowledge regarding duration of protective immunity led to the AAHA recommendation to lengthen revaccination intervals. Some owners and veterinarians choose to test dogs and cats for titers associated with vaccination to assure the presence of titers that are consistent with protection and to assist in making decisions regarding the timing and frequency of vaccination for individual animals. The MSU VDL offers a full range of testing for vaccine-induced antibodies and offers unique services in the interpretation of leptospirosis vaccine titers.

Canine and Feline Vaccine Antibody Tests
• Canine Distemper Virus (CDV) VN (80050)
• Canine Adenovirus-2 (CAV-2) VN (80047)
• Canine Parvovirus (CPV) HI (80054)
• Leptospirosis (95055)

Various combinations of titers are available as panels. Revaccination is recommended for dogs with a CDV titer below 32, a CPV titer below 80, and a CAV-2 titer below 16. An interpretation of the leptospirosis titers is provided based on challenge data in vaccinated dogs.

Collecting and Submitting Samples
Collect blood in vacutainer tube. Centrifuge to separate serum from the clot. Transfer serum into leak proof tube. Submit at least 1 mL of serum. Refrigerate sample and ship with an ice pack.

For more information, please contact the Virology section at 517.353.1683, or visit our website at animalhealth.msu.edu.

Sample Submission Forms
Visit our website at animalhealth.msu.edu to access our most current submittal forms. Customized forms preprinted with your clinic information are also available at no cost via the Product Order Form.

Unbeatable Shipping
The MSU VDL offers a variety of shipping options. Our mailers comply with U.S. Postal Service, UPS, and FedEx regulations. All UPS mailers include prepaid overnight weekday delivery. All U.S. Postal Service mailers include prepaid delivery; delivery time will vary depending on your location.

Order Mailing Supplies
Standard, insulated, and biopsy mailers are available. Contact us at 517.353.1683 or complete the Product Order Form available online at animalhealth.msu.edu. You can also place an order by completing the SUPPLIES section on a submittal form.

Packaging and Mailing Samples
For shipping recommendations for individual tests, please refer to the information provided at animalhealth.msu.edu under “Available Tests.”

Speak Directly to Experts
Our veterinary professionals are available for consultation and can help you interpret your test results to better manage the health of animals entrusted to you.

Get Results by Email and Online
Had it with the fax machine? Contact us at 517.353.1683 to have results delivered by email.

All MSU VDL clients also have free, quick access to view results online through WebView. Reports are posted to the web hourly. Visit animalhealth.msu.edu and click “Log In” to request access to your diagnostic results.

Expect Quality in Testing and Service
The MSU VDL is a leader in establishing technical guidelines for public veterinary diagnostic laboratories in the United States and maintains a quality assurance team dedicated to promoting accuracy and reliability.
Vaccine Titer Monitoring

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