



Kansas State Veterinary  
DIAGNOSTIC LABORATORY

Kansas State University Rabies Laboratory - Manhattan, KS 66502  
**Guidelines for RFFIT Submission for Animals**  
Rabies Antibody Titer for Vaccine Response



**The Rabies Laboratory**  
Kansas State University  
2005 Research Park Circle  
Manhattan, KS 66502

**Phone:** 785-532-4483  
**Fax :** 785-532-4474  
**Email:** rabies@vet.k-state.edu  
<http://www.ksvdl.org/rabies-laboratory/>

- Specimen Requirements:** Required sample volume is **1-2 mL of serum**. Collect the blood sample in a tube with no anticoagulant and transfer serum to a 5.0 mL plastic leak-proof tube.
- Reference Range:** *There is no established “protective” titer in animals.* Please refer to the National Association of State Public Health Veterinarians (NASPHV) [Compendium of Animal Rabies Prevention and Control](#) and local regulations for guidance. For dogs and cats (currently vaccinated) imported into rabies-free areas, a result of 0.5 IU/mL or greater is considered acceptable per the World Organization for Animal Health (OIE).
- Type of Test:** Endpoint- Quantitative results. Provides an exact titer between the reportable range of 0.1 to 15.0 IU/mL. For special requests/study samples, please contact the laboratory prior to submitting samples.  
Screen- Qualitative results. Results are reported as either LESS THAN 0.1 IU/mL,  $\geq 0.1$  IU/mL or  $\geq 0.5$  IU/mL.
- Fee:** See [Cost Of Test](#) listing on website, prices are subject to change.
- Payment:** Payment may be made by including a check (payable to Kansas State University), submitting the [Credit Card Form](#), or [paying online](#).
- Routine Turnaround:** Results will be ready in approximately 3-4 weeks, in some cases it may take shorter or longer. Results will be faxed or emailed to the submitting clinic.
- Shipping Information:** Specimen tube should be placed in a sealed bag surrounded with absorbent material. This package should be placed inside of a container with gel packs, and sufficient padding to keep tubes from breaking. An overnight shipping service is highly recommended. Shipping charges are the responsibility of the shipper. UPS labels available <https://www.vet.k-state.edu/asp/Forms/ksvdl/Ups-Label>
- Specimen Labeling:** ALL specimen tubes must be labeled with the Patient’s name or identification number. Specimens not properly labeled may not be accepted by the laboratory. All samples must be shipped with a completed [RFFIT for Animals submission form](#). If these requirements are not met, the test may be delayed.
- Send Samples to:** **The Rabies Laboratory**  
**Kansas State University**  
**2005 Research Park Circle**  
**Manhattan, KS 66502**
- Rejection Criteria:**
- |   |                           |
|---|---------------------------|
| Gross hemolysis (serum is dark red opaque in color) | Bacterial contamination   |
| Gross lipemia (serum is milky opaque in appearance) | Unlabeled sample tube     |
| Sample is not a serum sample (i.e., plasma)         | Insufficient volume (QNS) |
- Laboratory's Licenses:**
- |              |                                   |
|--------------|-----------------------------------|
| California   | AAVLD                             |
| Rhode Island | CLIA                              |
| Maryland     | CPT Code - 86382                  |
| New York     | Quality Assurance Letter (Animal) |
| Pennsylvania |                                   |

**For pets traveling to rabies-free areas, please fill out the [FAVN Report Form for Export Animals](#).**

Forms and information are also available on the web at <http://www.ksvdl.org/rabies-laboratory/>. If you have additional questions, please call the Kansas State University Rabies Lab at (785) 532-4483 or email [rabies@vet.k-state.edu](mailto:rabies@vet.k-state.edu).