

RABIES ANTIBODY TESTING BY THE RFFIT METHOD

- Specimen Requirements:** *Collect serum in a red top tube or gel separator tube.*
***Cerebral Spinal Fluid (CSF) testing is also available.
- Please call for details.**
- Reference Range:** In humans, a titer of 1:5 or greater is considered acceptable. ¹ (MMWR, 48:1-22, 1999)
A titer of 0.5 I.U./mL is required for animals exported to most rabies-free areas. *Please note there is not an established “protective” titer in animals.* Individual interpretation is the responsibility of the submitting veterinarian.
- Volume of sample:** 2 mls of serum, minimum amount 500 microliters of serum
- Which Test to request:**
- Screen (Humans Only):** Qualitative results. For those who want to know if they need a booster of rabies vaccine.
Cost: \$25.00 (1-9 samples); \$20.00 (10+ samples).
- Endpoint (Humans or Animals):** Quantitative results. For those who want to know their exact titer and animals being exported to some rabies free areas.
Cost: Humans and animals not for export: \$30.00 (1-9 samples), \$27.00 (10+samples);
Animals for export: \$35.00 (as of 5/1/03 \$40.00). (microchip number and country of destination must be included at the time of submission) Note: Contact individual countries for import requirements.
- Laboratory Schedule:** All RFFITs are initiated at 8:00 am on Mondays (must receive sample by 5:00 pm Friday) and Thursdays (must receive sample by 5:00 pm Wednesday).
- Routine turnaround:** Results will be mailed within 7-10 days of the set up date. Results will be faxed or phoned upon request. Any additional faxes will incur an additional \$5.00 charge.
- Shipping Information:** Serum should be removed from the clot and packed in a leak proof container with absorbent material. This package should be placed inside of a second container with gel packs or dry ice. Overnight service is recommended. Shipping charges are the responsibility of the shipper.
- Payment:** Individuals responsible for payment should include a check, money order, or credit card form.

Send Samples to:

**Rabies Laboratory/RFFIT
Mosier Hall
Kansas State University
1800 Denison Avenue
Manhattan KS 66506-5600**

Rejection Criteria:

**Gross hemolysis (serum is dark red in color)
Gross lipemia (serum is milky in appearance)
Not a serum sample (i.e., plasma)
QNS (quantity not sufficient)
Bacterial contamination
Tube unlabeled**

Specimen Labeling Instructions:

ALL specimen tubes must be labeled with the Patient's Name/identification number. Specimens not properly labeled are not accepted by the laboratory. All samples must have an accompanying KSU RFFIT submission form. All animals for export must have a microchip number or tattoo included. If these requirements are not met the test may be cancelled or delayed.

Laboratories Licenses:

CLIA	17D0648239	Florida	
L800005564			
New York	817020A0	California	17D0648239
Pennsylvania	028519	AAVLD	

Quality Assurance Letter is available upon request.

CPT code: 86382

If you have additional questions, please call the Rabies Lab at (785) 532-4483 or email rabies@vet.k-state.edu

Forms and information are also available on the web at <http://www.vet.k-state.edu/rabies>.