

**United States Department of Agriculture
Animal and Plant Health Inspection Service
Center for Veterinary Biologics
P. O. Box 844
Ames, IA 50010**

1. **Reagent Name:** Rabies challenge, fox salivary gland origin
2. **Strain or Source:** New York City (NYC) street rabies
3. **Lot Number:** 92-5
4. **Fill Date:** November 8, 1991
5. **Expiration Date:** Not applicable

Precautions: This is a street rabies strain that is potentially infective for humans. Handle in a manner consistent with the recommendations of the Centers for Disease Control (CDC) and National Institutes of Health (NIH). This reagent should be handled only by those individuals currently vaccinated against rabies. Inactivate contents and container prior to discarding.

6. **Intended Use:** For use as a challenge virus in multiple species of animals.

7. **Instructions for Use:** Material in each vial is considered undiluted (10^0); dilutions are made in NIH rabies diluent. The recommended route of inoculation is 0.5 mL intramuscular in each masseter muscle. A correlation to the amount of rabies virus given to each species and the corresponding mouse lethal dose₅₀ (MLD₅₀) per mL is:

Species	MLD ₅₀ per mL	LD ₅₀ per mL	Volume (mL)	Dilution
Mouse	7.2		0.03	NA
Dog		≥6.5	1.0	NR
Cat		2.5	1.0	1:80
Sheep		3.5	1.0	1:200
Cattle		2.5	2.0	1:80
Horse		2.5	2.0	1:50

NA = not applicable; NR = no recommendation, trial not end-pointed
LD₅₀ = 50% lethal dose

- 8. Test of Reagent:** Lot 92-5, is negative for bacterial, fungal, and mycoplasma as tested by title 9, *Code of Federal Regulations* (9 CFR), sections 113.27 and 113.28 methods. The virus is free of the following viruses: bovine viral diarrhea, infectious bovine rhinotracheitis, parainfluenza 3, bovine respiratory syncytial, bovine adenovirus 1 and 5, bovine enterovirus, bovine parvovirus, and bluetongue, equine herpes 1 and 4, feline panleukopenia, feline infectious peritonitis, canine distemper, reovirus, feline viral rhinotracheitis, feline calicivirus, infectious canine hepatitis, and canine parvovirus when examined for cytopathic effect or fluorescent antibody technique.
- 9. Container Size, Type, Weight, or Volume:** 0.75 mL in 3.5-mL glass serum vials.
- 10. Storage Conditions:** Store at $-70^{\circ}\pm 5^{\circ}\text{C}$
- 11. CVB Technical Contact:** Virology Section, Center for Veterinary Biologics, (515) 337-6100.
- 12. Origin and Passage History:** The NYC strain of rabies virus was originally obtained from Norden Laboratories, Lincoln, Nebraska. It has been passed once in a skunk and 3 times in foxes since 1976.
- 13. Method of Preparation:** Salivary glands from foxes inoculated with previous passes of the NYC strain of rabies were removed and frozen. Tissues were ground with a mortar and pestle, diluted to a 10% (v/v) suspension with NIH rabies diluent and pooled, aliquoted and immediately frozen.
- 14. Other:** None

Restrictions: (optional)

Reagent orders and feedback should be sent *including phone number* to the following email address: VS.DB.CVB.Reagent.Requests@usda.gov

Reagent orders forms (APHIS Form 2018) can be found on the CVB website.