

Turlock Virus, 847-32

Catalog No. NR-51464

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Lot No. 70028733

For research use only. Not for human use.

Contributor:

National Institute of Allergy and Infectious Diseases (NIAID),
National Institutes of Health (NIH)

Manufacturer:

Southwest Foundation for Research and Education, under
contract PH43-67-1381

Product Description:

Reagent: Seed Virus

Virus Classification: *Peribunyaviridae*, *Orthobunyavirus*

Species: Turlock virus

Strain/Isolate: 847-32 (also referred to as S-1954-847-32)¹

NIAID Class: Research Reference Reagent

NIAID Catalog No.: V-504-002-522

Source: ATCC® VR-328™

Donor Passage History (# of passages):

Chicken Embryo (1)

Suckling Mouse (4)

Producer Passage History (# of passages):

Suckling Mouse (2)

Material Provided:

Composition: Lyophilized suspension of infected mouse
brain with 4% bovine serum albumin and
phosphate-buffered saline

Volume: 0.5 mL

Packaging/Storage:

Packaging: Glass ampoule

Storage Temperature: 4°C or colder

Functional Activity:

Infectivity:

Conditions: Suckling mouse

LD₅₀: 2.0 × 10⁷ per gram

The Lethal Dose 50% (TCID₅₀) endpoint is the 50% lethal endpoint in tissue culture. The LD₅₀ is the dilution of virus that under the conditions of the assay can be expected to kill half of the animals exposed. A reciprocal of the dilution required to yield the LD₅₀ provides a measure of the potency of a virus preparation.

Date of Last Test: April 1973

Purity:

Serum Neutralization Breakthrough: No adventitious agent
detected

Murine Antibody Production: Negative

Citation:

Acknowledgment for publications should read "The following

reagent was obtained through BEI Resources, NIAID, NIH:
Turlock Virus, 847-32, NR-51464."

Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbli5/index.htm.

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References:

1. Field, J. and S. S. Kalter. "Volume Production of Reference Seed Virus and Immune Ascitic Fluids for Six Arboviruses." App. Microbiol. 23 (1972): 382-388. PubMed: 5017678.

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