Pixuna Virus, BeAr 35645

Catalog No. NR-51449

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Lot No. 70028734

For research use only. Not for human use.

Contributor:

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

Manufacturer:

Trinidad Regional Virus Laboratory, under contract PH43-67-65

Product Description:

Reagent: Seed Virus
Virus Classification: *Togaviridae*, *Alphavirus*
Species: Pixuna virus
Strain/Isolate: BeAr 35645
NIAID Class: Research Reference Reagent
NIAID Catalog No.: V-573-001-522
Source: ATCC® VR-372™
Donor Passage History (# of passages):
Suckling Mouse (3)
Producer Passage History (# of passages):
Suckling Mouse (2)

Material Provided:

Composition: Lyophilized suspension of infected mouse brain with inactivated rabbit serum
Volume: 0.5 mL

Packaging/Storage:

Packaging: Glass ampoule
Storage Temperature: 4°C or colder

Functional Activity:

Infectivity:
Conditions: Suckling mouse
LD_{50}: 2.5×10^9 per gram
The Lethal Dose 50% ($TCID_{50}$) endpoint is the 50% lethal endpoint in tissue culture. The LD_{50} 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 LD_{50} 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: Pixuna Virus, BeAr 35645, NR-51449."

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/bmbl5/index.htm.

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