Bussuquara Virus, BeAn 4073

Catalog No. NR-51422
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Lot No. 70029888

For research use only. Not for human use.

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

Manufacturer:
California State Department of Public Health, under contract PH43-68-679

Product Description:
Reagent: Seed Virus

Virus Classification: Flaviviridae, Flavivirus
Species: Bussuquara virus (also referred to as Aroa virus)
Strain/Isolate: BeAn 4073
NIAID Class: Research Reference Reagent
NIAID Catalog No.: V-561-001-522
Source: ATCC® VR-557™
Donor Passage History (# of passages):
Suckling mouse (8)
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, pH 7.9
Volume: 0.5 mL

Packaging/Storage:
Packaging: Glass ampoule
Storage Temperature: 2°C to 8°C or colder

Functional Activity:
Infectivity:
Conditions: Suckling mouse
LD₅₀: 2.5 × 10⁷ per g
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: October 1971

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: Bussuquara Virus, BeAn 4073, NR-51422.”

Biosafety Level: 2

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