

Bussuquara Virus, BeAn 4073

Catalog No. NR-51422

This reagent is the property of the U.S. Government.

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: 2.5×10^7 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

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.

Disclaimers:

You are authorized to use this product for research use only. It is not intended for human use.

Use of this product is subject to the terms and conditions of the BEI Resources Material Transfer Agreement (MTA). The MTA is available on our Web site at www.beiresources.org.

While BEI Resources uses reasonable efforts to include accurate and up-to-date information on this product sheet, neither ATCC® nor the U.S. Government makes any warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. Neither ATCC® nor the U.S. Government warrants that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, use and disposal. ATCC® and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, the U.S. Government, ATCC®, their suppliers and contributors to BEI Resources are not liable for damages arising from the misidentification or misrepresentation of products.

Use Restrictions:

This material is distributed for internal research, non-commercial purposes only. This material, its product or its derivatives may not be distributed to third parties. Except as performed under a U.S. Government contract, individuals contemplating commercial use of the material, its products or its derivatives must contact the contributor to determine if a license is required. U.S. Government contractors may need a license before first commercial sale.

ATCC® is a trademark of the American Type Culture Collection.



BEI Resources

www.beiresources.org

E-mail: contact@beiresources.org

Tel: 800-359-7370

Fax: 703-365-2898