



Genomic RNA from St. Louis Encephalitis Virus strain R119354b

VR-1973D™

Description

Genomic RNA isolated from St. Louis Encephalitis Virus strain R119354b. This virus strain is also available as ATCC VR-1973.

Organism: St. Louis encephalitis virus, SLEV

Derived from: St. Louis encephalitis virus R119354b (ATCC VR-1973)

Genome sequenced strain: Yes

Volume: 100 µL

Storage Conditions

Product format: Frozen

Storage conditions: -70°C or colder

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies

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and procedures as well as any other applicable regulations as enforced by your local or national agencies.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Handling Procedures

1. Thaw the vial at room temperature and immediately place on ice. Avoid exposing the RNA to repeated freeze-thaw cycles as it may result in degradation of the RNA.
 2. Gently mix the sample to ensure an even distribution of material.
 3. Briefly centrifuge the tube before opening to ensure all liquid is at the bottom.
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Quality Control Specifications

Identity: Identity confirmed by Next Generation Sequencing and analyzing a ~900 bp region shown to have 99.9% homology to NCBI number KY825743, SLEV UC-1 polyprotein gene.

Notes

RNA is easily degraded. Take extra precautions against contamination by using new gloves and clean lab coats when working with RNA. Use only RNase-free lab materials when handling this product. Vortexing can damage the RNA. Gentle pipetting is highly recommended. Aliquoting is highly recommended to avoid multiple freeze-thaws, which can damage the RNA.

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Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Genomic RNA from St. Louis Encephalitis Virus strain R119354b (ATCC VR-1973D)

References

References and other information relating to this material are available at www.atcc.org.

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Revision

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Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: tech@atcc.org or contact your local distributor
