



Anopheles A virus

VR-327™

Description

Strain designation: Original

Common name: Anopheles A virus

Deposited As: Anopheles A virus

Storage Conditions

Product format: Freeze-dried

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 2

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

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is

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important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

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

Growth Conditions

Host: suckling mouse, i.c. inoculation; suckling mouse, i.x., s.c. or i.n. inoculation; mouse, i.c. or i.n. inoculation; chicken embryo, 7 day; mouse embryo cells in tissue culture

Effects: hunched position; hypersensitivity; paralysis; ruffled fur

Incubation: 3-4 days (suckling M), 4-5 days (weanling M)

Handling Procedures

Mycoplasma contamination: Not detected

Notes

Passages in mice should be made with concentrated viral suspensions. Serial passage can be made only by i.c. inoculation of brain tissue. The virus localizes and multiplies

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in the brain and spinal cord. Virus inoculated i.n. produces pulmonary congestion and virus is demonstrable in the lungs. Inoculation (s.c.) of Mk, Rab, opossum or pigeon produces no clinical disease and little or no antibody formation. The virus is a good antigen and elicits CF and neutralizing antibodies in the mouse. It is more stable in lyophilized or wet-frozen state than in 50% glycerol. Inactivated at 55°C, 30 minutes but not at 45°C.

Key Abbreviations: Rab, Rabbit; s.c., Subcutaneous; SM, Suckling mouse; TC, Tissue culture; USDA, United States Department of Agriculture; CE, Chicken embryo; CF, Complement fixation; i.c., Intracerebral; i.n., Intranasal; LD[50], Median lethal dose; M, Mouse; ME, Mouse embryo; Mkk, Monkey kidney; PHS, Public Health Services

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Anopheles A virus (ATCC VR-327)

References

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

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Please see the material transfer agreement (MTA) for further details regarding the

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Product Sheet

use of this product. The MTA is available at www.atcc.org.

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Revision

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