



Anopheles B virus

VR-86™

Product Sheet

Description

Strain designation: Original

Common name: Anopheles B virus

Deposited As: Anopheles B virus

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 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

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.); Host Range: sM and young adults (i.c., i.n.), ME TC cell/suckling mouse; mouse, young adult, i.c. or i.n. inoculation; mouse embryo cells

Effects: death of host animal; hunched position; ruffled fur

Incubation: 3-4 days (suckling M), 5-6 days (weanling M)

Handling Procedures

Mycoplasma contamination: Not detected

Notes

The virus localizes and multiplies in the brain and spinal cord. Inoculation by the s.c. route elicits good antibody formation in mice but not in the guinea pig. Little or no serological cross-reactions occur with Anopheles A antigens. It is more stable in 50%

glycerol than in lyophilized form but has been found viable after storage in wet-frozen state at -70° for 10 years.

Key Abbreviations: i.c., Intracerebral; i.n., Intranasal; LD[50], Median lethal dose; M, Mouse; ME, Mouse embryo; s.c., Subcutaneous; SM, Suckling mouse; TC, Tissue culture

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Anopheles B virus (ATCC VR-86)

References

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

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