Bluetongue virus, type 10

VR-187™

Description

Bluetongue virus, type 10 is propagated in chicken embryonated eggs. This strain was isolated in 1952 from a tissue sample in California.

Strain designation: 8
Deposited As: Bluetongue virus, type 10
Serotype: type 10

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: CE (y.s.); Host Range: Sheep, sM (i.c.), CE, B (K, lung and lymph node), sheep (K, lymph node and testicle), and HeLa cells
Effects: CPE; death of host animal
Temperature: 33.6°C
Incubation: Chicken eggs used for passage of virus must be incubated at 33.6°C. Incubate 3 to 4 days at 33.6C

Handling Procedures

Mycoplasma contamination: Not detected

Notes

Chicken eggs used for passage of virus must be incubated at 33.6°C. HA not demonstrated. Hemolysin produced.

Key Abbreviations: B, Bovine; CE, Chicken embryo; CPE, Cytopathic effect; E, Embryo; HA, Hemagglutination; HeLa, Human cervical carcinoma cells; i.c., Intracerebral; K, kidney; SM, Suckling mouse; TC, Tissue culture; USDA, United States Department of Agriculture; y.s., Yolk sac

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Bluetongue virus, type 10 (ATCC VR-187)

References

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

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