Description

Strain: LCR 4
Classification: Picornaviridae, Enterovirus
Common Name: Bovine enterovirus Type 1
Original Source: Stool of healthy cow (Michigan)
Depositor: CM Kunin

Batch-Specific Information

Refer to the Certificate of Analysis for batch-specific test results.

Propagation

Propagation Host:
Monkey kidney cells; BT cells (ATCC® CRL-1390™)
Effect on Host:
CPE, rounding and sloughing

Growth Conditions

Temperature: 37°C
Incubation: 1 to 3 days with 5% CO₂ in air atmosphere recommended

Recommendations for Infection:
For best results cells should be 24 to 48 hours old and 80% - 90% confluent (not 100% confluent)

Comments

Cultivated readily in amniotic fluid of embryonated eggs. Produces paralytic disease in suckling mice closely resembling Coxsackievirus A disease.

References

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

Key Abbreviations

°C, degrees Celsius
BT, bovine turbinate cells
CO₂, carbon dioxide
CPE, cytopathic effect

Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the Biosafety in Microbiological and Biomedical Laboratories from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

ATCC Warranty

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