Strain: Colorado-1 [Cooper 1]
Classification: Herpesviridae, Varicellovirus
Common Name: Infectious bovine rhinotracheitis virus, Bovine rhinotracheitis virus
Original Source: Lung of bovine with upper respiratory infection, United States
Depositor: JJ England

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

Propagation Host:
BT cells (ATCC® CRL-1390™)

Effect on Host:
CPE, rounding, clumping, and sloughing.

Medium:
EMEM + 10% HS (ATCC® 30-2041)

Growth Conditions
Recommendations for Infection: For best results cells should be 24 to 48 hours old and 80% - 90% confluent (not 100% confluent).
Incubation: 1 to 5 days at 37°C, a 5% CO₂ in air atmosphere is recommended.

To prevent possible introduction of antibodies and BVDV, use of horse serum is recommended.

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

Key Abbreviations

BT, bovine turbinate cells
BVDV, bovine viral diarrhea virus
°C (C), degrees celsius
CO₂ (CO₂), carbon dioxide
CPE, cytopathic effect
EMEM, Eagles minimum essential medium
HS, horse serum
mL, milliliter

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.

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Additional information on this culture is available on the ATCC web site at www.atcc.org.

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