Strain: 229E
Classification: Coronaviridae, Coronavirus
Common Name: Human coronavirus
Original Source: Nasal and throat swabs from man with mild upper respiratory illness
Depositor: HS Kaye

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

Propagation Host:
MRC-5 (ATCC® CCL-171™)

Effect on Host:
CPE, rounding and sloughing. Starts as individual cell rounding that spreads, but over time uninfected cells repopulate monolayer.

Medium:
EMEM (ATCC® 30-2003™) + 2% FBS (ATCC® 30-2020™)

Growth Conditions
Temperature: 35°C
Recommendations for Infection: For best results cells should be 24 to 48 hours old and 80-90% confluent (not 100% confluent).
Incubation: 2-7 days, a 5% CO₂ in air atmosphere is recommended.

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

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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This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC
Product Sheet
Human coronavirus 229E (ATCC® VR-740™)

Please read this FIRST

Storage Temp.
-70°C or colder

Biosafety Level
2

Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Human coronavirus 229E (ATCC® VR-740™)

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

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