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.

°C, degrees Celsius  
CO₂ (CO2), carbon dioxide  
CPE, cytopathic effect

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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