Human respiratory syncytial virus, High titer (ATCC® VR-26PQ™)

Please read this FIRST

Biosafety Level: 2

Storage Temp.
-70°C or colder

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 respiratory syncytial virus, High titer (ATCC® VR-26PQ™)

Propagation

Propagation Host:
HEp-2 (ATCC® CCL-23™)

Effect on Host:
CPE, syncytia formation, rounding, sloughing

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

Growth Conditions

Temperature: 37°C

Recommendations for Infection:
Plate cells 24-48 hours prior to infection and infect when cultures are 70-85% confluent. Remove medium and inoculate with a small volume of virus (e.g. 1 mL per 25 cm²) diluted to provide an optimal MOI (e.g., 0.01 to 0.1). Adsorb 1-2 hours at 37°C in a humidified 5% CO₂ atmosphere. End adsorption by adding virus growth medium.

Incubation:
2-12 days at 37°C in a humidified 5% CO₂ atmosphere, until CPE is progressed through 80% of the monolayer.

References

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

Key Abbreviations

°C, degrees Celsius
CO₂, Carbon dioxide
EDTA, Ethylenediaminetetraacetic acid
EMEM, Eagle’s Minimum Essential Media
FBS, fetal bovine serum
MOI, multiplicity of infection

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

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC
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Disclaimers

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Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org.

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

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