



Rotavirus A

VR-3392™

Product Sheet

Description

This product is an ATCC manufactured and accessioned progeny of VR-2551 cited in US Pat. No. 5,626,851.

Strain designation: WI61

Deposited As: ATCC accessioned progeny of Rotavirus A strain WI61 cited in US Pat. No. 5,626,851 as VR-2551.

Storage Conditions

Product format: Frozen

Storage conditions: -70°C or colder

Intended Use

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

BSL 2

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Host: MA-104 Clone 1 (ATCC CRL-2378.1)

Effects: cell rounding; cell sloughing; CPE; plaque formation

Complete medium: DMEM (ATCC 30-2002) + 8 µg/mL Gibco Trypsin (Invitrogen 27250-018)

Temperature: 36°C

Atmosphere: 95% Air, 5% CO₂

Recommendations for infection: For best results, cells should be 24 to 48 hours old and 100% confluent.

Incubation: 1 to 4 days at 36°C, a 5% CO₂ in air atmosphere is recommended

Notes

Cultivate in cell lines (MA-104, CV-1) fed with serum-free medium supplemented with

8 µg/mL trypsin.

Note: This material is cited in a U.S. and/or other Patent and may not be used to infringe the patent claims.

Key Abbreviations: bp, Base pairs; CO₂, Carbon dioxide; CPE, Cytopathic effect; CV-1, African green monkey kidney cells; DMEM, Dulbecco's Modified Eagle's Medium; ELISA, Enzyme-linked immunosorbent assay; NCBI, National Center for Biotechnology Information; MA-104, Embryonic rhesus monkey kidney cells; µg, Microgram; mL, Milliliter; PCR, Polymerase chain reaction; RT-PCR, reverse-transcriptase polymerase chain reaction; TC, Tissue culture; TCID₅₀, Median tissue culture infective dose

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Rotavirus A (ATCC VR-3392)

References

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

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