



Rotavirus reassortant

VR-3422™

Description

This product is an ATCC manufactured and accessioned progeny of VR-2195 cited in US Patent Number 5,626,851.

Strain designation: WC3:2-5, R574(9)

Deposited As: ATCC accessioned progeny of Rotavirus reassortant strain WC3:2-5, R574(9) cited in US Patent Number 5,626,851 as VR-2195.

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: Host Range: MA-104, BSC-1, CV-1, and primary primate kidney cells

Effects: cell clustering; cell rounding; cell sloughing; CPE

Temperature: 37°C

Incubation: 3-10 days at 37°C, with rocking apparatus

Handling Procedures

Mycoplasma contamination: Not detected

Notes

Possesses neutralization antigen phenotype of both serotype 1 rotavirus and bovine

(serotype 6) rotavirus.

Key Abbreviations: BS-C-1, African green monkey kidney cells; CPE, Cytopathic effect; CV-1, African green monkey kidney cells; ELISA, Enzyme-linked immunosorbent assay; EMEM, Eagle's Minimum Essential Medium; FBS, Fetal bovine serum; MA-104, Embryonic rhesus monkey kidney cells; TC, Tissue culture

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Rotavirus reassortant (ATCC VR-3422)

References

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

Warranty

The product is provided 'AS IS' and the viability of ATCC® products is warranted for 30 days from the date of shipment, provided that the customer has stored and handled the product according to the information included on the product information sheet, website, and Certificate of Analysis. For living cultures, ATCC lists the media formulation and reagents that have been found to be effective for the product. While other unspecified media and reagents may also produce satisfactory results, a change in the ATCC and/or depositor-recommended protocols may affect the recovery, growth, and/or function of the product. If an alternative medium formulation or reagent is used, the ATCC warranty for viability is no longer valid. Except as expressly set forth herein, no other warranties of any kind are provided, express or implied, including, but not limited to, any implied warranties of merchantability, fitness for a particular purpose, manufacture according to cGMP standards, typicality, safety, accuracy, and/or noninfringement.

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Product Sheet

Revision

This information on this document was last updated on 2025-06-27

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