Strain: WC3:2-5, R574(9)
Classification: Reoviridae, Rotavirus
Depositor: Wistar Institute

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

Propagation

Propagation Host:
MA-104 cells (ATCC CRL-2378)
Host of Choice: MA-104 (CRL-2378)
Host Range: MA-104, BSC-1, CV-1, and primary primate kidney cells
MA-104 cells (ATCC CRL-2378); CV-1 cells (ATCC CCL-70); BS-C-1 cells (ATCC CCL-26); primary primate kidney cells

Effect on Host:
Yes, in vitro effects: Vague CPE appears as cell rounding and clumping with cell detachment in 7 to 10 days.

Growth Conditions
Duration: 3–10 days at 37°C, with rocking apparatus

Comments
Possesses neutralization antigen phenotype of both serotype 1 rotavirus and bovine (serotype 6) rotavirus.

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

Key Abbreviations
BSC-1: Ceropithecus monkey kidney cells
CPE: Cytopathic effect
CV-1: African green monkey kidney cells
ELISA: Enzyme linked immunosorbant assay
EMEM: Eagles Minimum Essential Medium
FBS: Fetal bovine serum
MA-104: Embryonic rhesus monkey kidney cells
TC: Tissue culture

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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
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ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.
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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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Please read this FIRST

Storage Temp.
-70°C

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: Rotavirus reassortant (ATCC® VR-2195™)

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org
800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor