



Product Sheet

Influenza A virus (H3N2) (ATCC® VR-777™)

Please read this **FIRST**



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: Influenza A virus (H3N2) (ATCC® VR-777™)

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

Description

Strain: MRC 2

Classification: *Orthomyxoviridae, Influenzavirus A*

Original Source:

human (recombinant A/England/42/72 and A/PR8/34 influenza strains)

Depositor: R.I.T. - Recherche et Industrie Therapeutiques

Batch-Specific Information

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

Propagation

Propagation Host:

10 day chicken embryo, i.a. inoculation

Recommended Host: SPF CE (10 to 11 day, intra-allantoic)

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chicken embryo

Effect on Host:

Yes, in vitro effects: Hemagglutination activity

Hemagglutinates chicken RBC and guinea pig RBC.

Growth Conditions

Temperature: 37.0°C

Duration: 1-4 days

Comments

Hemagglutinin and neuraminidase antigens identical to strain A/England/42/72, i.e. H3N2 type. Unrelated to A/PR8/34 (Honi).

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

References

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

Key Abbreviations

°C, Celsius

BD, Becton, Dickinson and Company

C, chicken

CE, chicken embryo

CEID₅₀ (CEID[50]), The Chicken Embryo Infectious Dose 50% endpoint is the 50% infectious endpoint in chicken embryo. The CEID₅₀ is the dilution of virus that under the conditions of the assay can be expected to infect 50% of the chicken embryos inoculated, just as a Lethal Dose 50% (LD₅₀) is expected to kill half of the animals exposed. A reciprocal of the dilution required to yield the CEID₅₀ provides a measure of the titer (or infectivity) of a virus preparation.

CO₂ (CO2), carbon dioxide

CRBC, chicken red blood cells

ELISA, enzyme linked immunosorbent assay

HA, hemagglutination

i.a., intra allantoic

i.c., intracerebral

M, mouse

mL, milliliter

RBC, red blood cells

RT, room temperature

SPF, specific pathogen free

U.S., United States

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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

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 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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