Porcine Reproduction and Respiratory Syndrome Virus (PRRSV) (SIRS) (ATCC® VR-2402™)

Please read this FIRST

Storage Temp. -70° or colder

Biosafety Level 2

Description

Strain: ISUP
Classification: Arteriviridae
Original Source: Isolated from porcine lung tissue, plaque cloned passage 3 (3/4/93)
Depositor: MJ McGinley

Batch-Specific Information

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

Propagation

Propagation Host:
9009B cells (ATCC CRL-11302); MA-104 cells (ATCC CRL-2378)
Host of Choice: 9009B cells, ATCC CRL-11302.
Host Range: 9009B cells.

Effect on Host:
Yes, in vitro effects: Cytopathic effects (small foci of 5 to 10 rounded cells) appears within 48 hours and progresses through the cell sheet over 4 to 7 days
Small foci of 5-10 rounded cells appear within 48 hours. CPE progresses through the cell sheet over 4-7 days.

Comments

The virus is 65nm in diameter with a 25nm capsid. The virus has been experimentally shown to induce late term abortion in pregnant sows. Infected cells become pyknotic and tend to detach.

References

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

Key Abbreviations

CPE, cytopathic effect

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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 If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.
While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet,
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Storage Temp.
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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: Porcine Reproduction and Respiratory Syndrome Virus (PRRSV) (SIRS) (ATCC® VR-2402™)

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