Influenza A virus (H3N2), Purified (ATCC® VR-544PQ™)

Please read this FIRST

**Description**

Strain: A/Hong Kong/8/68  
Classification: Orthomyxoviridae, Alphainfluenzavirus  
Original Source: Patient, Hong Kong, 1968  
Depositor: MT Coleman; ATCC  

**Batch-Specific Information**

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

**Propagation**

Propagation Host: SPF chicken embryonated eggs, 10-11 days  
Effect on Host: Hemagglutinates chicken RBC

**Growth Conditions**

Temperature: 37°C

**Recommendations for Infection**

Dilute virus in D-PBS prior to inoculation.

Incubation: 2-3 days with humidity and non-CO₂ incubator

**Comments**

ATCC® VR-544PQ™ is a high-titer, purified, live virus suspended in 1X PBS + 0.1% Sodium azide. This product was prepared from ATCC® VR-544™ via purification through sucrose gradient centrifugation, and is devoid of cellular debris and contaminants. This strain cross-reacts in HAI tests with A2 strains at low dilutions.

**References**

References and other information relating to this product are available online at [www.atcc.org](http://www.atcc.org).

**Key Abbreviations**

°C, degrees Celsius  
CE, chicken embryo  
CO₂ (CO2), carbon dioxide  
DPBS, Dulbecco's Phosphate Buffered Saline  
PBS, phosphate buffered saline  
RBC, red blood cells  
SPF, specific pathogen free

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 If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

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