**Description**

Strain: J670/71  
Classification: Picornavirus, Human Enterovirus  
Original Source: Conjunctival scrapings or swabs from patients in Japan with acute hemorrhagic conjunctivitis  
Depositor: JL Melnick

**Batch-Specific Information**

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

**Propagation**

**Propagation Host:**  
WI-38 cells (ATCC® CCL-75™)

**Effect on Host:**  
CPE, refractile rounding and sloughing

**Medium:**  
EMEM + 2% FBS (ATCC® 30-2020)

**Growth Conditions**

**Recommendations for Infection:** For best results cells should be 24 to 48 hours old and 75% - 85% confluent (not 100% confluent).  
**Incubation:** 1 to 5 days at 37°C, a 5% CO₂ in air atmosphere is recommended

**Comments**

Apathogenic for newborn mice. Some neurovirulence in cynomolgus monkeys that are inoculated intraspinaly as well as intrathalamically. The virus is banded by gradient centrifugation in cesium chloride at a density of 1.34 g/mL.

**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  
CO₂ (CO₂), carbon dioxide  
CPE, cytopathic effect  
EMEM, Eagles minimum essential medium  
FBS, fetal bovine serum  
g, grams  
ml, milliliter  
WI-38, human embryonic diploid lung cells

**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.

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