### Description

**Strain:** Strain: TH-S-man (TC adapted)
**Classification:** Flaviviridae, Flavivirus
**Original Source:** derived from existing strain
**Depositor:** WM Hammon

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

### Batch-Specific Information

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

### Propagation

**Propagation Host:**

**Recommended Host:** Vero (ATCC # CCL-81)

**Effect on Host:**

- Yes, Cytopathic effect: Cell rounding and sloughing
- In suckling mouse: Death after 7-8 days.
- In Vero cells: Small rounding, sloughing of monolayer.

**Medium:**

- Virus growth medium: 2% FBS in complete Virus growth medium: EMEM

**Growth Conditions**

**Temperature:** 37.0°C

### Comments

Tissue culture-adapted from ATCC VR-344. Inactivated by sodium desoxycholate.

### References

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

### Key Abbreviations

(define all abbreviations used on master product sheet and batch product sheet)

- EMEM, Earles Minimum Essential Medium
- FBS, Fetal Bovine Serum
- TCID<sub>50</sub>, The Tissue Culture Infectious Dose

50% endpoint is the 50% infectious endpoint in cell culture. The TCID<sub>50</sub> is the dilution of virus that under the conditions of the assay can be expected to infect 50% of the culture vessels inoculated, just as a Lethal Dose 50% (LD<sub>50</sub>) is expected to kill half of the animals exposed. A reciprocal of the dilution required to yield the TCID<sub>50</sub> provides a measure of the titer (or infectivity) of a virus preparation.

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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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