

Tacaribe Virus, TRVL-11573

Catalog No. NR-10175

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Product Description: Cell lysate and supernatant from African green monkey kidney [VERO C1008 (E6)] cells¹ infected with Tacaribe virus (TCRV), TRVL-11573.

Lot²: 58443724

Manufacturing Date: 19FEB2009

TEST	SPECIFICATIONS	RESULTS
Identification by Infectivity in VERO C1008 (E6) Cells ^{1,3}	Report results	Cell rounding
Sequencing of Tacaribe Virus S Segment Gene	Consistent with TCRV	Consistent with TCRV
Titer by TCID ₅₀ Assay in VERO C1008 (E6) Cells ^{1,3}	Report results	8.9 x 10 ⁷ TCID ₅₀ /mL
Functional Activity by RT-PCR Assay	~ 320 bp amplicon	~ 320 bp amplicon
Sterility (BacT/ALERT® 3D Microbial Detection System) 14-day incubation of NR-10175: i NST culture bottle, 32°C, anaerobic i AST culture bottle, 32°C, aerobic	No growth No growth	No growth No growth
Fungal Sterility (21-day incubation) Harpo's HTYE broth ⁴ , 37°C and 26°C, aerobic Sabouraud broth, 37°C and 26°C, aerobic Sheep blood agar, 37°C and 26°C, aerobic	No growth No growth No growth	No growth No growth No growth
Mycoplasma Contamination Agar and broth culture (14-day incubation at 37°C) DNA Detection by PCR of Test Article nucleic acid	None detected None detected	None detected None detected

¹VERO C1008 (E6) cells: ATCC® CRL-1586™

²TCRV, TRVL-11573 was deposited by Professor Charles H. Calisher of the Colorado State University, Fort Collins, Colorado. NR-10175 was grown from deposited virus seed in Minimum Essential Medium containing Earle's salts and non-essential amino acids (Invitrogen™ 10370-021) supplemented with 2% irradiated fetal bovine serum (Cambrex® 14-471F), 2 mM L-glutamine (Invitrogen™ 25030-081), and 1 mM sodium pyruvate (Invitrogen™ 11360-070) for 8 days at 37°C and 5% CO₂.

³12 days at 37°C and 5% CO₂.

⁴Atlas, Ronald M. Handbook of Microbiological Media. 3rd ed. Ed. Lawrence C. Parks. Boca Raton: CRC Press, 2004, p. 798.

Date: 28 FEB 2011

Signature:



Title:

Technical Manager, BEI Authentication or designee

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