

Tacaribe Virus, TRVL-11573

Catalog No. NR-10175

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Product Description:

Tacaribe virus (TCRV), TRVL-11573 was isolated in 1956 from a fruit-eating bat (*Artibeus lituratus*) in Trinidad. NR-10175 was produced by infecting *Chlorocebus aethiops* kidney epithelial cells (Vero E6; ATCC® CRL-1586™) with BEI Resources seed lot 58443734 and incubating in Eagle's Minimum Essential Medium (ATCC® 30-2003™) supplemented with 2% fetal bovine serum (ATCC® 30-2020™) for 8 days at 37°C with 5% CO₂ to produce this lot.

Passage History¹:

Unknown/E6(9) (Prior to deposit at BEI Resources/BEI Resources); E6 = Vero E6

Lot: 70080223

Manufacturing Date: 30JAN2026

TEST	SPECIFICATIONS	RESULTS
Identification by Infectivity in Vero E6 Cells	Cell rounding and detachment	Cell rounding and detachment
Sequencing of Species-Specific Region (~ 890 nucleotides)	≥ 98% sequence identity with TCRV, TRVL-11573 (GenBank: M20304)	99.1% sequence identity with TCRV, TRVL-11573 (GenBank: M20304)
Titer by TCID₅₀ Assay in Vero E6 Cells by Cytopathic Effect² (8 days at 37°C with 5% CO ₂)	Report results	8.9 × 10 ⁶ TCID ₅₀ /mL
Sterility test (Bact/ALERT 3D) iAST bottle (aerobic) at 32.5°C, 14-day incubation iNST bottle (anaerobic) at 32.5°C, 14-day incubation	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 extracted Test Article nucleic acid	None detected None detected	None detected None detected

¹The initial three passages were grown in the presence of mycoplasma removal agent (BD 30-500-44) to remove mycoplasma contamination.

²The Tissue Culture Infectious Dose 50% (TCID₅₀) endpoint is the 50% infectious endpoint in cell culture. The TCID₅₀ 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% (LD₅₀) is expected to kill half of the animals exposed. A reciprocal of the dilution required to yield the TCID₅₀ provides a measure of the titer (or infectivity) of a virus preparation.

/Sonia Bjorum Brower/

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26 MAR 2026

Technical Manager or designee, ATCC Federal Solutions

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