

Genomic RNA from Lassa Virus, Josiah

Catalog No. NR-50804

Product Description:

Genomic RNA was extracted from a preparation of cell lysate and supernatant from *Cercopithecus aethiops* kidney epithelial cells (Vero; ATCC® CCL-81™) infected with Lassa virus, Josiah. The viral genomic RNA is in a background of cellular nucleic acid and carrier RNA.

Source of Nucleic Acid: Lassa virus, Josiah. NR-50803 (lot 70007525) and NR-50804 (lot 70009930) were derived from the same parent material.

Extraction Protocol: TriPure Isolation Reagent (Roche Applied Science)

Lot: 70009930

Manufacturing Date: 08JAN2018

TEST	SPECIFICATIONS	RESULTS
Genotypic Analysis¹ Sequencing of S Segment (~ 1130 nucleotides)	≥ 98% identity with Lassa virus	99.9% identity with Lassa virus, Josiah (GenBank: HQ688672.1)
Functional Activity by RT-PCR Amplification¹ Nucleoprotein (NP) gene	~ 1300 base pair amplicon	~ 1300 base pair amplicon
RNA Content (qPCR) Viral RNA copies Vero E6 GAPDH RNA copies	Report results Report results	1.72 × 10 ³ genome copies/μL 3.71 × 10 ² genome copies/μL
Cell Culture Safety Test for Residual Virus²	No viable virus detected	No viable virus detected

¹Genotypic Analysis testing was completed on NR-50803 (lot 70097525) which was extracted from the same source material as NR-50804 (lot 70009930).

²Following procedure described in Towner, J. S., et al. "High-Throughput Molecular Detection of Hemorrhagic Fever Virus Threats with Applications for Outbreak Settings." *J. Infect. Dis.* 196 Suppl. 2 (2007) S205-S212. PubMed: 17940951

/Heather Couch/

Heather Couch

24 SEP 2020

Program Manager or designee, ATCC Federal Solutions

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

