b|e|i RESOURCES
SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for NR-51372

Genomic RNA from Lassa Virus, Ikeji

Catalog No. NR-51372

Product Description:

Genomic RNA was extracted from a preparation of cell lysate and supernatant from *Cercopithecus aethiops* kidney epithelial cells (Vero E6; ATCC® CRL-1586™) infected with Lassa virus, Ikeji. The viral genomic RNA is in a background of cellular nucleic acid.

Source of Nucleic Acid: Lassa virus, Ikeji. NR-51321 (lot 70016256) and NR-51372 (lot 70017744) were derived from the same parent material.
Extraction Protocol: TriPure Isolation Reagent (Roche Applied Science)

Lot: 70017744 Manufacturing Date: 07JUN2018

TEST	SPECIFICATIONS	RESULTS
Genotypic Analysis[1] Partial Sequencing of S Segment (~ 630 nucleotides)	≥ 98% identity with Lassa virus	100% identity with Lassa virus, Ikeji (GenBank: KU978811)
RNA Content (qPCR) Viral RNA copies Vero E6 GAPDH RNA copies	 Report results Report results	 1.30×10^3 genome copies/µL 2.68×10^2 genome copies/µL
Cell Culture Safety Test for Residual Virus[2]	No recovered virus	No recovered virus

[1]Genotypic Analysis testing was completed on NR-51321 (lot 70016256) which was extracted from the same source material as NR-51372 (lot 70017744).
[2]Following 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

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