

Genomic RNA from Lassa Virus, Guinea Z-185a (Macenta)

Catalog No. NR-51376

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, Guinea Z-185a (Macenta). The viral genomic RNA is in a background of cellular nucleic acid.

Source of Nucleic Acid: Lassa virus, Guinea Z-185a (Macenta). NR-51323 (lot 70016258) and NR-51376 (lot 70017746) were derived from the same parent material.

Extraction Protocol: TriPure Isolation Reagent (Roche Applied Science)

Lot: 70017746

Manufacturing Date: 08JUN2018

TEST	SPECIFICATIONS	RESULTS
Genotypic Analysis¹ Partial Sequencing of S Segment (~ 630 nucleotides)	≥ 98% identity with Lassa virus	99% identity with Lassa virus, Guinea Z-185a (GenBank: KU978810)
RNA Content (qPCR) Viral RNA copies Vero E6 GAPDH RNA copies	Report results Report results	6.42 × 10 ³ genome copies/μL 1.50 × 10 ² genome copies/μL
Cell Culture Safety Test for Residual Virus²	No recovered virus	No recovered virus

¹Genotypic Analysis testing was completed on NR-51323 (lot 70016258) which was extracted from the same source material as NR-51376 (lot 70017746).

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

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