

**Genomic RNA from Lassa Virus, Guinea Faranah (9615289)**

**Catalog No. NR-51374**

**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 Faranah (9615289). The viral genomic RNA is in a background of cellular nucleic acid.

**Source of Nucleic Acid:** Lassa virus, Guinea Faranah (9615289). NR-51322 (lot 70016257) and NR-51374 (lot 70017745) were derived from the same parent material.

**Extraction Protocol:** TriPure Isolation Reagent (Roche Applied Science)

**Lot: 70017745**

**Manufacturing Date: 06JUN2018**

TEST	SPECIFICATIONS	RESULTS
<b>Genotypic Analysis<sup>1</sup></b> Partial Sequencing of S Segment (~ 630 nucleotides)	≥ 98% identity with Lassa virus	99% identity with Lassa virus, Guinea Faranah (GenBank: KU978807)
<b>RNA Content (qPCR)</b> Viral RNA copies Vero E6 GAPDH RNA copies	Report results Report results	1.49 × 10 <sup>5</sup> genome copies/μL 3.38 × 10 <sup>3</sup> genome copies/μL
<b>Cell Culture Safety Test for Residual Virus<sup>2</sup></b>	No recovered virus	No recovered virus

<sup>1</sup>Genotypic Analysis testing was completed on NR-51322 (lot 70016257) which was extracted from the same source material as NR-51374 (lot 70017745).

<sup>2</sup>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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24 SEP 2020

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