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SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for NR-31822

Lassa Virus, Josiah, Gamma-Irradiated

Catalog No. NR-31822
This reagent is the tangible property of the U.S. Government.

Source of Irradiated Antigen: NR-31820, Lot No. 60428471
Irradiation Protocol: Infected cell pellets were re-suspended in 50 mM sodium borate and 120 mM sodium chloride (pH 9) containing 1% Triton X-100, gamma-irradiated (5×10^6 RADs) on dry ice, and sonicated. Cell debris was removed by centrifugation and the supernatant containing the irradiated antigen was aliquoted and vialed.

Lot[1]: 60428487 **Manufacturing Date: 21FEB2012**

TEST	SPECIFICATIONS	RESULTS
Enzyme Immunosorbent Assay (EIA) Using NR-31822 and Hyperimmune Mouse Ascites Fluid to Lassa Virus[1]	Reactive	Reactive
Cell Culture Safety Test for Residual Virus[2]	No recovered virus	No recovered virus

[1]The contributor recommends using a 1:1000 dilution of NR-31822 in 0.01 M PBS, pH 7.2 to coat the plates.
[2]Following the 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.

Date: 04 FEB 2013 **Signature:** Dorothy C. Young

Title: Technical Manager, BEI Authentication or designee

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