

Machupo Virus, Carvallo, Gamma-Irradiated

Catalog No. NR-37374

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Source of Irradiated Antigen: NR-37372, Lot No. 61152131

Irradiation Protocol: Infected cell pellets were resuspended 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 vialled.

Lot¹: 61259946

Manufacturing Date: 21FEB2013

TEST	SPECIFICATIONS	RESULTS
Enzyme Immunosorbent Assay (EIA) Using NR-37374 and Hyperimmune Mouse Ascites Fluid to Machupo Virus ¹	Reactive	Reactive
Cell Culture Safety Test for Residual Virus ²	No recovered virus	No recovered virus

¹The contributor recommends using a 1:1000 dilution of NR-37374 in 0.01 M PBS, pH 7.2 to coat the plates.

²Following 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 2014

Signature:



Title:

Technical Manager, BEI Authentication or designee

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