

Zaire Ebolavirus, Guéckédou/Guinea C07, Gamma-Irradiated

Catalog No. NR-49461

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Source of Irradiated Antigen: NR-49459 lot 63697187

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.

Lot: 63697210

Manufacturing Date: 01SEP2015

| TEST | SPECIFICATIONS | RESULTS |
|--|--------------------|--------------------|
| Enzyme Immunosorbent Assay (EIA) Using NR-49461 and Heperimmune Mouse Ascitic Fluid to Ebolavirus ¹ | Reactive | Reactive |
| Cell Culture Safety Test for Residual Virus ² | No recovered virus | No recovered virus |

¹The contributor recommends using a 1:2000 dilution of NR-49461 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.

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