Zaire Ebolavirus, Guéckédou/Guinea C07, Gamma-Irradiated

Catalog No. NR-49461
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Contributor and Manufacturer:
World Reference Center for Emerging Viruses and Arboviruses, University of Texas Medical Branch, Galveston, Texas, USA, under government contract

Product Description:
Gamma-irradiated Zaire ebolavirus, Guéckédou/Guinea C07\(^1,2\) was prepared from infected Vero E6 cell pellets. 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.

NR-49461 was tested for residual virus following the procedure described by Towner et al.\(^3\) No residual virus was recovered.

Material Provided:
Each vial contains 100 µL of irradiated antigen in 50 mM sodium borate and 120 mM sodium chloride (pH 9) containing 1% Triton X-100. The vial should be centrifuged prior to opening.

Packaging/Storage:
NR-49461 was packaged aseptically, in screw-capped plastic cryovials. The product is provided frozen and should be stored at -70\(^\circ\)C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Zaire Ebola virus, Guéckédou/Guinea C07, Gamma-Irradiated, NR-49461.”

Biosafety Level: 1

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