Zaire Ebolavirus, Mayinga, Gamma-Irradiated

Catalog No. NR-31807
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Contributor and Manufacturer:
World Reference Center for Emerging Viruses and Arboviruses, University of Texas Medical Branch, Galveston, under government contract

Product Description:
Gamma-irradiated Zaire ebolavirus, Mayinga\textsuperscript{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 \times 10^{5} \text{ RADs}) on dry ice, and sonicated. Cell debris was removed by centrifugation and the supernatant containing the irradiated antigen was aliquoted and vialed.

NR-31807 was tested for residual virus following the procedure described by Towner et al.\textsuperscript{3} No residual virus was recovered.

Material Provided:
Each vial contains 100 \mu L 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-31807 was packaged aseptically, in screw-capped plastic cryovials. The product is provided frozen and should be stored at -20\degree 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 Ebolavirus, Mayinga, Gamma-Irradiated, NR-31807.”

Biosafety Level: 1

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References:

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