Product Information Sheet for NR-31810

Sudan Ebolavirus, Boniface, Gamma-Irradiated

Catalog No. NR-31810
This reagent is the tangible property of the U.S. Government.

For research use only. Not for human use.

Contributor and Manufacturer:
World Reference Center for Emerging Viruses and Arboviruses, University of Texas Medical Branch, Galveston, under government contract

Product Description:
Gamma-irradiated Sudan ebolavirus, Boniface\(^1,2\) was prepared from infected Vero E6 cell pellets. 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\(^5\) RADs) on dry ice, and sonicated. Cell debris was removed by centrifugation and the supernatant containing the irradiated antigen was aliquoted and vialized.

NR-31810 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 \(\mu\)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-31810 was packaged aseptically, in screw-capped plastic cryovials. The product is provided frozen and should be stored at -20°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: Sudan Ebolavirus, Boniface, Gamma-Irradiated, NR-31810.”

Biosafety Level: 1

Disclaimers:
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