Tick-Borne Encephalitis Virus (Far Eastern Subtype), Sofjin, Gamma-Irradiated

Catalog No. NR-44250
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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 tick-borne encephalitis virus (far eastern subtype), Sofjin, 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 × 10³ RADs) on dry ice, and sonicated. Cell debris was removed by centrifugation and the supernatant containing the irradiated antigen was aliquoted and vialed.

NR-44250 was tested for residual virus following the procedure described by Towner et al. 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-44250 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. Freezethaw cycles should be avoided.

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Tick-Borne Encephalitis Virus (Far Eastern Subtype), Sofjin, Gamma-Irradiated, NR-44250.”

Biosafety Level: 1

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References:

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