Product Information Sheet for NR-44259

Macacine Herpesvirus 1, E2490, Gamma-Irradiated

Catalog No. NR-44259

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, Texas, USA, under government contract

Product Description:

Gamma-irradiated macacine herpesvirus 1, E2490[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 and vialed.

NR-44259 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-44259 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: Macacine Herpesvirus 1, E2490, Gamma-Irradiated, NR-44259."

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

Disclaimers:

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References:

1. Hull, R. N., and J. C. Nash. "Immunization against B Virus Infection. I. Preparation of an Experimental Vaccine." Am. J. Hyg. 71 (1960): 15-28. PubMed: 14403944.
2. Hull, R. N., et al. "Immunization against B Virus Infection. II. Further Laboratory and Clinical Studies with an Experimental Vaccine." Am. J. Hyg. 76 (1962): 239-251. PubMed: 13955640.
3. 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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