MDCK Cell Lysate and Supernatant, BPL-Treated

Catalog No. NR-49597

Lot No. R0009

For research use only. Not for human use.

Contributor and Manufacturer:
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Product Description:
NR-49597 is a preparation of uninfected Madin-Darby canine kidney (MDCK) cells that has been treated with beta-propiolactone (BPL). Cell lysate and supernatant was treated with 0.3% BPL with the addition of Tris (pH 8.5) to 0.1M. The preparation was aliquoted and lyophilized. NR-49597 is useful as a control in studies of BPL-inactivated influenza viruses.

Material Provided:
NR-49597 contains approximately 0.5 mL (lyophilized) of BPL-treated MDCK cell lysate and supernatant. When reconstituted with 0.5 mL of sterile distilled water, the preparation will be in virus growth medium containing 2% fetal bovine serum and 0.1M Tris (pH 8.5).

Packaging/Storage:
NR-49597 was packaged aseptically in glass serum vials. The product is provided at ambient temperature but should be stored at -20°C to -40°C immediately upon arrival. At colder temperatures, the rubber stopper may become brittle and compromise the seal. Reconstituted material should be stored at -20°C or colder, preferably in aliquots in order to avoid repeated freezing and thawing. Long-term storage at warmer temperatures is not recommended because the sterility of the final product was not confirmed and is not guaranteed.

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: MDCK Cell Lysate and Supernatant, BPL-Treated, NR-49597.”

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