

Influenza A Virus, A/Puerto Rico/8/1934 (H1N1), BPL-Inactivated

Catalog No. NR-19325

For research use only. Not for human use.

Contributor:

ATCC®

Manufacturer:

BEI Resources

Product Description:

NR-19325 is a preparation of influenza A virus, A/Puerto Rico/8/1934 (H1N1) that has been inactivated with beta-propiolactone (BPL). The source virus used for the inactivation was BEI Resources NR-348. Complete inactivation was confirmed by successive passages in embryonated chicken eggs.

Material Provided:

Each vial of NR-19325 contains influenza A virus, A/Puerto Rico/8/1934 inactivated with beta-propiolactone in approximately 0.5 mL of PBS. The concentration, in CEID₅₀ equivalents per mL is provided on the Certificate of Analysis for each lot.

Packaging/Storage:

NR-19325 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -70°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Influenza A Virus, A/Puerto Rico/8/1934 (H1N1), BPL-Inactivated, NR-19325."

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.

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References:

- Francis, T. "Immunological Relationships of Strains of Filterable Virus Recovered from Cases of Human Influenza." Proc. Soc. Exp. Biol. Med. 32 (1935): 1172–1175.
- de Wit, E., et al. "Efficient Generation and Growth of Influenza Virus A/PR/8/34 from Eight cDNA Fragments." Virus Res. 103 (2004): 155–161. PubMed: 15163504.

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