

Influenza A Virus, A/Brisbane/59/2007 (H1N1), BPL-Inactivated

Catalog No. NR-19322

For research use only. Not for human use.

Contributor:

Alexander Klimov, Ph.D., Chief, Viral Surveillance and Diagnostic Branch, Influenza Division, National Center for Immunization and Respiratory Diseases, Coordinating Center for Infectious Diseases, Centers for Disease Control and Prevention, Atlanta, Georgia

Manufacturer:

NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH

Product Description:

NR-19322 is a preparation of influenza A virus, A/Brisbane/59/2007 (H1N1) that has been inactivated with beta-propiolactone (BPL). A/Brisbane/59/2007 (H1N1)-like viruses were used as the influenza A (H1N1) component of trivalent vaccines worldwide from 2008 to 2010.¹ The source virus used for the inactivation was BEI Resources NR-12282. Complete inactivation was confirmed by three successive passages in embryonated chicken eggs.

Material Provided:

Each vial contains approximately 3.1×10^6 CEID₅₀ equivalents of BPL-inactivated influenza A virus, A/Brisbane/59/2007 (H1N1) in 100 µL of PBS.

Packaging/Storage:

NR-19322 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 the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Influenza A Virus, A/Brisbane/59/2007 (H1N1), BPL-Inactivated, NR-19322."

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, 2007; see www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm.

Disclaimers:

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References:

1. <http://www.who.int/csr/disease/influenza/vaccinerecommendations/en/index.html>

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