

Influenza A Virus, A/New Caledonia/20/1999 (HA, NA) x A/Puerto Rico/8/1934 (H1N1), Reassortant X-139 (Kilbourne F98), BPL-Inactivated

Catalog No. NR-18922

For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

NR-18922 is a preparation of influenza A virus, A/New Caledonia/20/1999 (HA, NA) x A/Puerto Rico/8/1934 (H1N1), Reassortant X-139 (Kilbourne F98)¹ that has been inactivated with beta-propiolactone (BPL). The HA and NA proteins are from influenza A/New Caledonia/20/1999. Influenza A/New Caledonia/20/1999 (H1N1)-like viruses were used as the influenza A (H1N1) component of trivalent vaccines worldwide from 2000-2007². The source virus used for the inactivation was BEI Resources NR-9692. Complete inactivation was confirmed by three successive passages in embryonated chicken eggs.

Material Provided:

Each vial contains approximately 3.0×10^3 CEID₅₀ equivalents of BPL-inactivated influenza A virus, A/New Caledonia/20/1999 (HA, NA) x A/Puerto Rico/8/1934 (H1N1), Reassortant X-139 (Kilbourne F98) in 100 µL of PBS.

Packaging/Storage:

NR-18922 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/New Caledonia/20/1999 (HA, NA) x A/Puerto Rico/8/1934 (H1N1), Reassortant X-139 (Kilbourne F98), BPL-Inactivated, NR-18922."

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/bmb15/index.htm.

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References:

1. http://www.flu-archive.org/data_sheets/F98.doc
2. <http://www.who.int/csr/disease/influenza/vaccinerecommendations/en/index.html>

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