

Influenza B Virus, B/Malaysia/2506/2004, BPL-Inactivated

Catalog No. NR-19324

For research use only. Not for use in humans.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

NR-19324 is a preparation of influenza B virus, B/Malaysia/2506/2004 that has been inactivated with beta-propiolactone (BPL). Influenza B/Malaysia/2506/2004-like viruses were recommended for use as part of trivalent influenza vaccines worldwide from 2006-2008.^{1,2,3,4} Allantoic fluid of specific pathogen free (SPF) embryonated chicken eggs (10- to 11-day-old; Charles River, Norwich, Connecticut, USA) infected with the deposited material for 2 days at 35°C in a humidified chamber was treated with 0.3% BPL with the addition of Tris (pH 8.5) to 0.1M. Complete inactivation of the virus was confirmed by culture in specific pathogen free (SPF) embryonated chicken eggs, monitoring terminally for the presence of viral antigen by HA using 0.5% erythrocytes. The inactivated virus preparation was aliquoted and lyophilized.

Material Provided:

NR-19324 lot 70066163 contains approximately 0.1 mL of BPL-inactivated influenza B virus, B/Malaysia/2506/2004. Lot 59405632 contains approximately 2.8×10^3 CEID₅₀ equivalents of BPL-inactivated influenza B virus, B/Malaysia/2506/2004 in 100 µL of PBS.

Packaging/Storage:

NR-19324 was packaged aseptically in cryovials. The product is provided frozen and should be stored at -60°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 B Virus, B/Malaysia/2506/2004, BPL-Inactivated, NR-19324."

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 (BMBL). Current Edition. Washington, DC: U.S. Government Printing Office.

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References:

1. World Health Organization. "Recommended Composition of Influenza Virus Vaccines for Use in the 2006 Influenza Season." *Wkly. Epidemiol. Rec.* 80 (2005): 342-347. PubMed: 16240985.
2. World Health Organization. "Recommended Composition of Influenza Virus Vaccines for Use in the 2006-2007 Influenza Season." *Wkly. Epidemiol. Rec.* 81 (2006): 82- 86. PubMed: 16671218.
3. World Health Organization. "Recommended Composition of Influenza Virus Vaccines for Use in the 2007 Influenza Season." *Wkly. Epidemiol. Rec.* 81 (2006): 390-395. PubMed: 17039626.
4. World Health Organization. "Recommended Composition of Influenza Virus Vaccines for Use in the 2007-2008 Influenza Season." *Wkly. Epidemiol. Rec.* 82 (2007): 69- 74. PubMed: 17333570.

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