

Influenza B Virus, B/Malaysia/2506/04

Catalog No. NR-12280

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Contributor:

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Product Description:

Virus Classification: *Orthomyxoviridae, Influenzavirus B*

Species: Influenza B virus

Strain/Isolate: B/Malaysia/2506/04

Original Source: Influenza B virus, B/Malaysia/2506/04 was isolated on June 12, 2004 from a human nasal swab in Malaysia.¹ Following isolation this strain was passaged in eggs at the CDC followed by two egg passages at Baylor College of Medicine prior to deposition.

Comments: Influenza B/Malaysia/2506/04-like viruses have been recommended for use as part of trivalent influenza vaccines worldwide from 2006-2008.²⁻⁵ The CDC deposit of Influenza B/Malaysia/2506/04 is available as NR-9723.

Material Provided:

Each vial contains approximately 1 mL of pooled allantoic fluid from specific-pathogen free (SPF) embryonated chicken eggs infected with influenza B virus, B/Malaysia/2506/04.

Note: If homogeneity is required for your intended use, please purify prior to initiating work.

Packaging/Storage:

NR-12280 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.

Growth Conditions:

Host: 10-day-old SPF embryonated chicken eggs

Infection: Embryonated chicken eggs must be candled for viability prior to inoculation

Incubation: 1 to 3 days at 33 to 35°C in a humidified chamber

Effect: Hemagglutination activity using chicken red blood cells and allantoic fluid from infected embryonated chicken eggs

Citation:

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Influenza B Virus, B/Malaysia/2506/04, NR-12280."

Biosafety Level: 2

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.

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References:

1. Dr. Alexander Klimov, personal communication.
2. 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.
3. 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.
4. World Health Organization. "Recommended

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5. 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.
 6. Daum, L. T., et al. "Molecular Analysis of Isolates from Influenza B Outbreaks in the U.S. and Nepal, 2005." Arch. Virol. 151 (2006): 1863-1874. PubMed: 16736092.
 7. O'Brien, K. and I. G. Barr. "Annual Report of the National Influenza Surveillance Scheme, 2006." Commun. Dis. Intell. 31 (2007): 167-179. PubMed: 17724991.

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