

## Influenza B Virus, B/Malaysia/2506/04

### Catalog No. NR-9723

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### For research use only. Not for human use.

#### Contributor:

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#### Product Description:

Virus Classification: *Orthomyxoviridae, Influenzavirus B*

Species: Influenza B virus

Strain/Isolate: B/Malaysia/2506/04

Original Source:<sup>1</sup> Isolated on June 12, 2004 from a human nasal swab in Malaysia

Comments: Influenza B/Malaysia/2506/04-like viruses have been recommended for use as part of trivalent influenza vaccines worldwide from 2006-2008.<sup>2-5</sup>

#### 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-9723 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: 1-3 days at 33-35°C in a humidified chamber without CO<sub>2</sub>

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-9723."

#### 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/bmb15/bmb15toc.htm](http://www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.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 Composition

- of Influenza Virus Vaccines for Use in the 2007 Influenza Season." Wkly. Epidemiol. Rec. 81 (2006): 390-395. PubMed: 17039626.
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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