

# Product Information Sheet for NR-9723

## Influenza B Virus, B/Malaysia/2506/2004 (Victoria Lineage)

### Catalog No. NR-9723

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**For research use only. Not for use in humans.**

#### Contributor:

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#### Manufacturer:

BEI Resources

#### Product Description:

Virus Classification: *Orthomyxoviridae, Influenzavirus B*

Species: Influenza B virus

Strain/Isolate: B/Malaysia/2506/2004 (Victoria Lineage)<sup>1</sup>

Original Source: Influenza B virus, B/Malaysia/2506/2004 (Victoria Lineage) was isolated on June 12, 2004 from a human nasal swab in Malaysia.<sup>2</sup>

Comments: Influenza B/Malaysia/2506/2004-like viruses have been recommended for use as part of trivalent influenza vaccines worldwide from 2006-2008.<sup>3,4,5,6</sup> Sequence information is available for influenza B virus, B/Malaysia/2506/2004 (Victoria Lineage) at the [Influenza Research Database](#).

#### 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/2506/2004 (Victoria Lineage).

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 -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.

#### Growth Conditions:

Host: 9- to 11-day-old SPF embryonated chicken eggs

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

Incubation: 2 days at 33°C in a humidified chamber

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

#### Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Influenza B Virus, B/Malaysia/2506/2004 (Victoria Lineage), 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*. 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see [www.cdc.gov/biosafety/publications/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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#### References:

1. Le, T. T., et al. "Circulation of Influenza B Lineages in Northern Viet Nam, 2007 – 2014." *Western Pac. Surveill. Response J.* 6 (2015): 17-23. PubMed: 26798557.
2. Klimov, A., Personal Communication.

3. 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.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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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