

**Influenza B Virus, B/Florida/4/2006  
(Yamagata Lineage)**

**Catalog No. NR-9696**

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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/Florida/4/2006 (Yamagata Lineage)

Original Source:<sup>1</sup> Influenza B virus, B/Florida/4/2006 (Yamagata Lineage) was isolated on November 1, 2006 from a human nasal swab in Florida.

Comments: The US Food and Drug Administration recommended influenza virus B/Florida/4/2006-like viruses for use as vaccines during the 2008-2009 influenza season.<sup>2</sup> The World Health Organization recommended influenza virus B/Florida/4/2006-like viruses for use as vaccines during the 2008 Southern Hemisphere, the 2008-2009 Northern Hemisphere and the 2009 Southern Hemisphere influenza seasons.<sup>3</sup> Sequence information is available for influenza B virus, B/Florida/4/2006 (Yamagata Lineage) at the [Influenza Research Database](#).

Influenza B virus, B/Florida/4/2006 (Yamagata Lineage) is also available as BEI Resources NR-41795. NR-41795 was grown from a different lot of seed virus deposited by the Centers for Disease Control through the Influenza Reagent Resource.

**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/Florida/4/2006 (Yamagata Lineage).

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

**Packaging/Storage:**

NR-9696 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 for viability prior to inoculation

Incubation: 1 to 3 days at 33°C to 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 BEI Resources, NIAID, NIH: Influenza B Virus, B/Florida/4/2006 (Yamagata Lineage), NR-9696."

**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, 2009; see [www.cdc.gov/biosafety/publications/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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### References:

1. Dr. Alexander Klimov, personal communication.
2. [CDC Prevention and Control of Influenza - 2008 Recommendations](#) (PubMed: [18685555](#))
3. [WHO Recommendations for Influenza Vaccines](#)

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