

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

**Catalog No. NR-41795**

(Derived from CDC ID No. 2007700596)

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

**Contributor:**

WHO Collaborating Center for Surveillance, Epidemiology and Control of Influenza, Centers for Disease Control and Prevention, Atlanta, Georgia, USA

**Manufacturer:**

BEI Resources

**Product Description:**

Virus Classification: *Orthomyxoviridae, Influenzavirus B*

Species: Influenza B virus

Strain/Isolate: B/Florida/4/2006 (Yamagata Lineage)

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

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>1</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>2</sup> Sequence information is available for influenza B virus, B/Florida/4/2006 (Yamagata Lineage) at the [Bacterial and Viral Bioinformatics Resource Center](http://www.ncbi.nlm.nih.gov/nuccore/2007700596).

**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.

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

**Packaging/Storage:**

NR-41795 was packaged aseptically in 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 35°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/Florida/4/2006 (Yamagata Lineage), NR-41795."

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

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**References:**

1. Fiore, A. E., et al. "Prevention and Control of Influenza: Recommendations of the Advisory Committee on Immunization Practices (ACIP), 2009." MMWR Recomm. Rep. 57 (2008): 1-60. PubMed: 1868555.
2. "WHO Recommendations for Influenza Vaccines." Wkly. Epidemiol. Rec. 83 (2008): 81-87. PubMed: 18309579.

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