

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.¹ 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.² 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-9696. NR-9696 was grown from a different lot of seed virus deposited by Alexander Klimov.

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-41795 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: 3 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. 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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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](#)

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