

Product Information Sheet for NR-12283

Influenza A Virus, A/Brisbane/10/2007 (H3N2)

Catalog No. NR-12283

This reagent is the property of the U.S. Government.

For research use only. Not for use in humans.

Contributor:

National Institute of Allergy and Infectious Diseases (NIAID),
National Institutes of Health (NIH)

Manufacturer:

BEI Resources

Product Description:

Virus Classification: *Orthomyxoviridae, Influenzavirus A*

Species: Influenza A virus

Strain/Isolate: A/Brisbane/10/2007 (H3N2)

Original Source: Influenza A virus, A/Brisbane/10/2007 (H3N2) was isolated from a human in Brisbane, Australia in February 2007. Following isolation, this strain was passaged in eggs at the Centers for Disease Control and Prevention (CDC), followed by two egg passages at Baylor College of Medicine prior to deposit to BEI Resources.¹

Comments: Sequence information is available for influenza A virus, A/Brisbane/10/2007 (H3N2) at the [Influenza Research Database](#). The US Food and Drug Administration recommended influenza A/Brisbane/10/2007 (H3N2)-like viruses for use as vaccines during the 2008-2009 and 2009-2010 influenza seasons.^{1,2} The World Health Organization recommended influenza A/Brisbane/10/2007 (H3N2)-like viruses for use as vaccines during the 2008-2009 and 2009-2010 Northern Hemisphere and the 2008 and 2009 Southern Hemisphere influenza seasons.³

Material Provided:

Each vial contains approximately 1 mL of pooled allantoic fluid from specific pathogen free (SPF) embryonated chicken eggs infected with influenza A virus, A/Brisbane/10/2007 (H3N2).

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

Packaging/Storage:

NR-12283 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 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 A Virus, A/Brisbane/10/2007 (H3N2), NR-12283."

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. [CDC Prevention and Control of Influenza - 2008 Recommendations](#) (PubMed: 18685555)

2. [CDC Prevention and Control of Influenza - 2009 Recommendations](#) (PubMed: 19644442)
3. [WHO Recommendations for Influenza Vaccines](#)

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