

**Influenza A Virus,
A/Solomon Islands/3/2006 (H1N1)**

Catalog No. NR-41798

Derived from CDC ID No. 2007725989

For research use only. Not for human use.

Contributor:

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

Manufacturer:

BEI Resources

Product Description:

Virus Classification: *Orthomyxoviridae, Influenzavirus A*

Species: Influenza A virus

Strain/Isolate: A/Solomon Islands/3/2006 (H1N1)

Comments: Influenza A virus, A/Solomon Islands/3/2006 (H1N1) was isolated from a human in the Solomon Islands on August 21, 2006. The US Food and Drug Administration recommended influenza A/Solomon Islands/3/2006 (H1N1)-like viruses for use as vaccines during the 2007-2008¹ influenza season. The World Health Organization recommended influenza A/Solomon Islands/3/2006 (H1N1)-like viruses for use as vaccines during the 2007-2008 Northern Hemisphere and the 2008 Southern Hemisphere influenza seasons.² Sequence information is available for influenza A virus, A/Solomon Islands/3/2006 (H1N1) at the [Influenza Research Database](http://www.ncbi.nlm.nih.gov/INFLUENZA/).

Influenza A virus, A/Solomon Islands/3/2006 (H1N1) is also available as BEI Resources NR-12281. NR-12281 was grown from seed virus that had been passaged at the Baylor College of Medicine prior to deposit at BEI Resources.

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/Solomon Islands/3/2006 (H1N1).

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

Packaging/Storage:

NR-41798 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: 2 days at 33°C in a humidified chamber

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 A Virus, A/Solomon Islands/3/2006 (H1N1), NR-41798."

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/bmb15/index.htm.

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References:

1. [CDC Prevention and Control of Influenza - 2007 Recommendations](#) (PubMed: [17625497](#))
2. [WHO Recommendations for Influenza Vaccines](#)

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