

**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 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 A*

Species: Influenza A virus

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

Original Source: Influenza A virus, A/Solomon Islands/3/2006 (H1N1) was isolated from a human in the Solomon Islands on August 21, 2006.

Comments: The US Food and Drug Administration recommended influenza A/Solomon Islands/3/2006 (H1N1)-like viruses for use as vaccines during the 2007-2008 influenza season.<sup>1</sup> 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.<sup>2</sup> Sequence information is available for influenza A virus, A/Solomon Islands/3/2006 (H1N1) at the [Bacterial and Viral Bioinformatics Resource Center](#).

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 1.0 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 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 33°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/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 \(BMBL\)](#). 6th ed. Washington, DC: U.S. Government Printing Office, 2020.

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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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