

**Influenza A Virus, A/New Caledonia/20/1999 (H1N1)**

**Catalog No. NR-41799**

Derived from CDC ID No. 99044140

**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: A/New Caledonia/20/1999 (H1N1)

Original Source: Influenza A virus, A/New Caledonia/20/1999 (H1N1) was isolated from a human in New Caledonia on June 9, 1999. The US Food and Drug Administration recommended influenza A/New Caledonia/20/1999 (H1N1)-like viruses for use as vaccines during the 2000-2001, 2001-2002, 2002-2003, 2003-2004, 2004-2005, 2005-2006 and 2006-2007 influenza seasons.<sup>1,2,3,4,5,6,7</sup> The World Health Organization recommended influenza A/New Caledonia/20/1999 (H1N1)-like viruses for use as vaccines during the 2000-2001, 2001-2002, 2002-2003, 2003-2004, 2004-2005, 2005-2006 and 2006-2007 Northern Hemisphere and the 2000, 2001, 2002, 2003, 2004, 2005, 2006 and 2007 Southern Hemisphere influenza seasons.<sup>8</sup>

Comments: Sequence information is available for influenza A virus, A/New Caledonia/20/1999 (H1N1) at the [Influenza Research Database](#).

**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/New Caledonia/20/1999 (H1N1).

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

**Packaging/Storage:**

NR-41799 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 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/New Caledonia/20/1999 (H1N1), NR-41799.”

**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](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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**References:**

1. CDC Prevention and Control of Influenza - 2000 Recommendations (PubMed: 15580733).

2. CDC Prevention and Control of Influenza - 2001 Recommendations (PubMed: 11334444).
3. CDC Prevention and Control of Influenza - 2002 Recommendations (PubMed: 12002171).
4. CDC Prevention and Control of Influenza - 2003 Recommendations (PubMed: 12755288).
5. CDC Prevention and Control of Influenza - 2004 Recommendations (PubMed: 15163927).
6. CDC Prevention and Control of Influenza - 2005 Recommendations (PubMed: 16086456).
7. CDC Prevention and Control of Influenza - 2006 Recommendations (PubMed: 16874296).
8. WHO Recommendations for Influenza Vaccines

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