

Influenza A Virus, A/Sydney/5/1997 (H3N2)

Catalog No. NR-12278

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Contributor:

National Institute of Allergy and Infectious Diseases, National Institutes of Health

Manufacturer:

BEI Resources

Product Description:

Virus Classification: *Orthomyxoviridae*, *Influenzavirus A*

Species: Influenza A virus

Strain/Isolate: A/Sydney/5/1997 (H3N2)

Original Source: Influenza A virus, A/Sydney/5/1997 (H3N2) was isolated from human in Sydney, Australia in 1997. 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 deposition.

Comments: Influenza A/Sydney/5/1997 (H3N2)-like viruses were used as the influenza A (H3N2) component of the 1998-2000 vaccine for the northern hemisphere and the 1999 vaccine for the southern hemisphere.^{1,2,3} Sequence information is available for influenza A virus, A/Sydney/5/1997 (H3N2) at the [Bacterial and Viral Bioinformatics Resource Center](http://www.bacterio.org/).

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/Sydney/5/1997 (H3N2).

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

Packaging/Storage:

NR-12278 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/Sydney/5/1997 (H3N2), NR-12278."

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 \(BMBL\)](http://www.fda.gov/oc/ohrt/biosafety.html), 6th ed. Washington, DC: U.S. Government Printing Office, 2020.

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References:

1. World Health Organization. "Recommended Composition of Influenza Virus Vaccines for Use in the 1998-1999 Season." *Wkly. Epidemiol. Rec.* 73 (1998): 56-61. PubMed: 9523511.

2. World Health Organization. "Recommended Composition of Influenza Virus Vaccines for Use in the 1999-2000 Season." Wkly. Epidemiol. Rec. 74 (1999): 57-61. PubMed: 10079754.
3. World Health Organization. "Recommendation for the Composition of Influenza Virus Vaccines for Use in 1999." Wkly. Epidemiol. Rec. 73 (1998): 305-308. PubMed: 9787645.

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