

Influenza A Virus, A/Victoria/361/2011 (H3N2)

Catalog No. NR-44022

(Derived from CDC ID No. 2012702646)

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/Victoria/361/2011 (H3N2)

Original Source: Influenza A virus, A/Victoria/361/2011 (H3N2) was isolated from a human in Victoria, Australia, on October 24, 2011.

Comments: The US Food and Drug Administration recommended influenza A/Victoria/361/2011 (H3N2)-like viruses for use as vaccines during the 2012-2013 and 2013-2014 influenza seasons.^{1,2} The World Health Organization recommended influenza A/Victoria/361/2011 (H3N2)-like viruses for use as vaccines during the 2013 Southern Hemisphere influenza season.³ Sequence information is available for influenza A virus, A/Victoria/361/2011 (H3N2) at the [Bacterial and Viral Bioinformatics Resource Center](http://www.bvpr.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/Victoria/361/2011 (H3N2).

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

Packaging/Storage:

NR-44022 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 34°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/Victoria/361/2011 (H3N2), NR-44022."

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. Prevention and control of influenza with vaccines: recommendations of the Advisory Committee on

- Immunization Practices (ACIP)--United States, 2012-13
Influenza season (PubMed: 22895385).
2. Prevention and control of influenza with vaccines: interim recommendations of the Advisory Committee on Immunization Practices (ACIP), 2013 (PubMed: 23657110).
 3. WHO Recommendations for Influenza Vaccines

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