

Influenza A Virus, A/Wisconsin/67/05 (HA, NA) x A/Puerto Rico/8/34 (H3N2), Reassortant X-161B

Catalog No. NR-9694

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Contributor:

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Product Description:

Virus Classification: *Orthomyxoviridae, Influenzavirus A*

Species: Influenza A virus

Strains/Isolates: Influenza A Virus, A/Wisconsin/67/05 (HA, NA) x A/Puerto Rico/8/34 (H3N2), Reassortant X-161B

Preparation: Reassortant between A/Wisconsin/67/05 (H3N2) and A/Puerto Rico/8/34 (H1N1) viruses. The HA and NA proteins are from A/Wisconsin/67/05 (H3N2).

Comments: Influenza A/Wisconsin/67/05 (H3N2) was originally isolated on August 31, 2005 from a human nasal swab in Wisconsin.¹ Influenza A/Wisconsin/67/05 (H3N2)-like viruses have been used as the influenza A (H3N2) component of trivalent vaccines worldwide since 2006.²

Material Provided:

Each vial contains approximately 1 mL of pooled allantoic fluid from specific-pathogen free (SPF) embryonated chicken eggs infected with reassortant influenza A/Wisconsin/67/05 (HA, NA) x A/Puerto Rico/8/34 (H3N2), Reassortant X-161B.

Packaging/Storage:

NR-9694 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -70°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: 1-3 days at 35°C in a humidified chamber without CO₂

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 the NIH Biodefense and

Emerging Infections Research Resources Repository, NIAID, NIH: Influenza A Virus, A/Wisconsin/67/05 (HA, NA) x A/Puerto Rico/8/34 (H3N2), Reassortant X-161B, NR-9694."

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, 2007; see www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm.

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References:

1. Dr. Alexander Klimov, personal communication.
2. <http://www.who.int/csr/disease/influenza/vaccinerecommendations/en/index.html>

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