

### **Kilbourne F123: A/Victoria/3/75 (HA, NA) x A/Puerto Rico/8/34 (H3N2), Reassortant X-47**

#### **Catalog No. NR-3663**

Derived from NIAID Catalog No. V-331-0E5551

#### **For research use only. Not for human use.**

#### **Contributor:**

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

#### **Product Description:**

Virus Classification: *Orthomyxoviridae, Influenzavirus A*

Species: Influenza A virus

Reassortant: A/Victoria/3/75 (HA, NA) x A/Puerto Rico/8/34 (H3N2) (Kilbourne F123; X-47)<sup>1-3</sup>

#### **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 virus, A/Victoria/3/75 (HA, NA) x A/Puerto Rico/8/34 (H3N2) (Kilbourne F123; X-47).

#### **Packaging/Storage:**

NR-3663 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 to 3 days at 35°C in a humidified chamber

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: Kilbourne F123: A/Victoria/3/75 (HA, NA) x A/Puerto Rico/8/34 (H3N2), Reassortant X-47, NR-3663."

#### **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](http://www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm).

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#### **References:**

1. [http://www.flu-archive.org/data\\_sheets/F123.doc](http://www.flu-archive.org/data_sheets/F123.doc)
2. <http://www.flu-archive.org/>
3. [http://www.flu-archive.org/search/results.pl?search\\_string=&join\\_type=and](http://www.flu-archive.org/search/results.pl?search_string=&join_type=and)
4. Brett, I., J. Werber and E. D. Kilbourne. "Rapid Confirmation by RFLP of Transfer to Vaccine Candidate Reassortant Viruses of the Principal 'High Yield' Gene of Influenza A Viruses." *J. Virol. Methods* 100 (2002): 133-140. PubMed: 11742660.
5. Baez, M., P. Palese and E. D. Kilbourne. "Gene Composition of High-Yielding Influenza Vaccine Strains Obtained by Recombination." *J. Infect. Dis.* 141 (1980): 362-365. PubMed: 7365284.

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