

### **Kilbourne F2: A/duck/Alberta/35/76 (H1N1) Mutant, Non-L, Non-H, Swine-Like**

#### **Catalog No. NR-3472**

Derived from NIAID Catalog No. V-331-0E4189

#### **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

Mutant: A/duck/Alberta/35/76 (H1N1) mutant, non-L, non-H, swine-like (Kilbourne F2)<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 a non-L, non-H swine-like mutant (Kilbourne F2) of influenza A virus, A/duck/Alberta/35/76 (H1N1).

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

NR-3472 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 F2: A/duck/Alberta/35/76 (H1N1) Mutant, Non-L, Non-H, Swine-Like, NR-3472."

#### **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/bmb15/bmb15toc.htm](http://www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm).

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#### **References:**

1. [http://www.flu-archive.org/data\\_sheets/F2.doc](http://www.flu-archive.org/data_sheets/F2.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)

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