

## Kilbourne F16: A/swine/Iowa/15/30 (H1N1), S-15 (Animal isolate)

### Catalog No. NR-3596

Derived from NIAID Catalog No. V-331-0E5452

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#### Contributor:

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

#### Product Description:

Virus Classification: *Orthomyxoviridae, Influenzavirus A*

Species: Influenza A virus

Wild Type Strain/Isolate: A/swine/Iowa/15/30 (H1N1)  
(Kilbourne F16; S-15)<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 wild type influenza A virus, A/swine/Iowa/15/30 (H1N1).

#### Packaging/Storage:

NR-3596 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 without CO<sub>2</sub>

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 F16: A/swine/Iowa/15/30 (H1N1), S-15 (Animal isolate), NR-3596."

#### 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/F16.doc](http://www.flu-archive.org/data_sheets/F16.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. Shope, R. E. "Swine Influenza: III. Filtration Experiments and Etiology." *J. Exp. Med.* 54 (1931): 373-385. PubMed: 19869924.

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