

# Product Information Sheet for NR-3593

**Kilbourne F21: A/Wisconsin/3523/1988 (H1N1)**

## Catalog No. NR-3593

Derived from NIAID Catalog No. V-331-0E5439

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

### Contributor:

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

### Manufacturer:

BEI Resources

### Product Description:

Virus Classification: *Orthomyxoviridae, Influenzavirus A*

Species: Influenza A virus

Wild type: A/Wisconsin/3523/1988 (H1N1) (Kilbourne F21)<sup>1-3</sup>

Original Source: Influenza A virus, A/Wisconsin/3523/1988 was isolated from a human in 1988, 12 years after the Ft. Dix epidemic.

### Material Provided:

Each vial contains approximately 1 mL of pooled allantoic fluid from specific-pathogen free (SPF) embryonated chicken eggs infected with (Kilbourne F21) influenza A virus, A/Wisconsin/3523/1988 (H1N1).

### Packaging/Storage:

NR-3593 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: 10 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 BEI Resources, NIAID, NIH: Kilbourne F21: A/Wisconsin/3523/1988 (H1N1), NR-3593."

### 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/F21.doc](http://www.flu-archive.org/data_sheets/F21.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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