

# Product Information Sheet for NR-3523

**Kilbourne F81: A/Harbin/15/1992 (HA, NA)  
x A/Puerto Rico/8/1934 (H3N2),  
Reassortant X-119**

## Catalog No. NR-3523

Derived from NIAID Catalog No. V-331-0E5069

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

### Contributor:

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

### Manufacturer:

BEI Resources

### Product Description:

Virus Classification: *Orthomyxoviridae, Influenzavirus A*

Species: Influenza A virus

Reassortant: A/Harbin/15/1992 (HA, NA) x A/Puerto Rico/8/1934 (H3N2) (Kilbourne F81; X-119)

### 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/Harbin/15/1992 (HA, NA) x A/Puerto Rico/8/1934 (H3N2).

Note: If homogeneity is required for your intended use, please purify prior to initiating work.

### Packaging/Storage:

NR-3523 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -60°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: 2 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 BEI Resources, NIAID, NIH: Kilbourne F81: A/Harbin/15/1992 (HA, NA) x A/Puerto Rico/8/1934 (H3N2), Reassortant X-119, NR-3523."

### 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, 2009; see [www.cdc.gov/biosafety/publications/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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### References:

1. [http://www.flu-archive.org/data\\_sheets/F81.doc](http://www.flu-archive.org/data_sheets/F81.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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