

**Kilbourne F73:
A/Beijing/353/1989 (HA, NA) x A/Puerto Rico/8/1934 (H3N2), Reassortant X-109**

Catalog No. NR-3508

Derived from NIAID Catalog No. V-331-0E4952

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Contributor:

National Institutes of Allergy and Infectious Diseases (NIAID),
National Institutes of Health (NIH)

Manufacturer:

BEI Resources

Product Description:

Virus Classification: *Orthomyxoviridae, Influenzavirus A*

Species: Influenza A virus

Strain: A/Beijing/353/1989 (HA, NA) x A/Puerto Rico/8/1934 (H3N2) (Kilbourne F73; X-109)

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/Beijing/353/1989 (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-3508 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 with ambient air

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 F73: A/Beijing/353/1989 (HA, NA) x A/Puerto Rico/8/1934 (H3N2), Reassortant X-109, NR-3508."

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/bmb15/index.htm.

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References:

1. <https://www.beiresources.org/Portals/2/Flu-archiveDocs/F73.doc>
2. <http://www.flu-archive.org/>
3. <http://www.beiresources.org/FluVirusCatalog.aspx>
4. Xu, X., et al. "Nonimmunoselected Intrastrain Genetic Variation Detected in Pairs of High-Yielding Influenza A (H3N2) Vaccine and Parental Viruses." *J. Infect. Dis.* 170 (1994): 1432-1438. PubMed: 7995982

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