

Kilbourne F12: A/Sichuan/60/1989 (HA, NA) x A/Puerto Rico/8/1934 (H3N2), NA Deficient

Catalog No. NR-3493

Derived from NIAID Catalog No V-331-0E4738

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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/Sichuan/60/1989 (HA, NA) x A/Puerto Rico/8/1934 (H3N2), NA Deficient (Kilbourne F12).

Comments: NR-3493 is NA-deficient as judged by quantitation with n-neuraminyl lactose substrate in relation to HA activity. An NA+ mutant of this reassortant (Kilbourne F13) is also available (BEI resources NR-3492).

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/Sichuan/60/1989 (HA, NA) x A/Puerto Rico/8/1934 (H3N2), NA Deficient.

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

Packaging/Storage:

NR-3493 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 F12: A/Sichuan/60/1989 (HA, NA) x A/Puerto

Rico/8/1934 (H3N2), NA Deficient, NR-3493.”

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. http://www.flu-archive.org/data_sheets/F12.doc
2. <http://www.flu-archive.org/>
3. http://www.flu-archive.org/search/results.pl?search_string=&join_type=and

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