

Product Information Sheet for NR-3623

Kilbourne F113: A/England/42/1972 (HA, NA) x A/Puerto Rico/8/1934 (H3N2), Reassortant X-37

Catalog No. NR-3623

Derived from NIAID Catalog No. V-331-0E5505

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

Reassortant: A/England/42/1972 (HA, NA) x A/Puerto Rico/8/1934 (H3N2) (Kilbourne F113; X-37)¹⁻³

Parents: A/England/42/1972 (H3N2) and A/Puerto Rico/8/1934 (H1N1)

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/England/42/1972 (HA, NA) x A/Puerto Rico/8/1934 (H3N2).

Packaging/Storage:

NR-3623 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: 2 days at 35°C in a humidified chamber without CO₂

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 F113: A/England/42/1972 (HA, NA) x A/Puerto Rico/8/1934 (H3N2), Reassortant X-37, NR-3623."

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.

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References:

1. http://www.flu-archive.org/data_sheets/F113.doc
2. <http://www.flu-archive.org/>
3. http://www.flu-archive.org/search/results.pl?search_string=&join_type=and
4. Kilbourne, E. D., et al. "Influenza Vaccines – Summary of Influenza Workshop V." *J. Infect. Dis.* 129 (1974): 750-771.

5. Kilbourne, E. D. "Comparative Efficacy of Neuraminidase-Specific and Conventional Influenza Virus Vaccines in the Induction of Antibody to Neuraminidase in Humans." J. Infect. Dis. 134 (1976): 384-394. PubMed: 789791.
6. Baez, M., P. Palese and E. D. Kilbourne. "Gene Composition of High-Yielding Influenza Vaccine Strains Obtained by Recombination." J. Infect. Dis. 141 (1980): 362-365. PubMed: 7365284.

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