

Product Information Sheet for NR-3655

Kilbourne F70: A/England/427/1988 (HA, NA) x A/Puerto Rico/8/1934 (H3N2), Reassortant X-103

Catalog No. NR-3655

Derived from NIAID Catalog No. V-331-0E5543

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/427/1988 (HA, NA) x A/Puerto Rico/8/1934 (H3N2), (Kilbourne F70; X-103)¹⁻³

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/427/1988 (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-3655 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 F70: A/England/427/1988 (HA, NA) x A/Puerto Rico/8/1934 (H3N2), Reassortant X-103, NR-3655."

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/F70.doc
2. <http://www.flu-archive.org/>
3. http://www.flu-archive.org/search/results.pl?search_string=&join_type=and
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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