Kilbourne F3: A/duck/Singapore/645/97 (H5N3) Mutant, High (Hy) Yield

Catalog No. NR-3599
Derived from NIAID Catalog No. V-331-0E5469

For research use only. Not for human use.

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
Mutant: A/duck/Singapore/645/97 (H5N3), high (Hy) yield

Material Provided:
Each vial contains approximately 1 mL of pooled allantoic fluid from specific pathogen free (SPF) embryonated chicken eggs infected with a high yield mutant of influenza A virus, A/duck/Singapore/645/97 (H5N3).

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

Packaging/Storage:
NR-3599 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: 9- 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 the BEI Resources, NIAID, NIH: Kilbourne F3: A/duck/Singapore/645/97 (H5N3) Mutant, High (Hy) Yield, NR-3599.”

Biosafety Level: 3

To comply with APHIS permit driven containment requirements, all studies with this virus must be conducted in a BSL-3 facility.

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References:
1. https://www.beieresources.org/Portals/2/Flu-archiveDocs/F3.doc

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