Kilbourne F96: A/Japan/305/57 (HA, NA) x A/Puerto Rico/8/34 (H2N2), Reassortant X-135

Catalog No. NR-3567
Derived from NIAID Catalog No. V-331-0E5315

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Contributor:
National Institutes of Allergy and Infectious Diseases, National Institutes of Health

Product Description:
Virus Classification: Orthomyxoviridae, Influenzavirus A
Species: Influenza A virus
Reassortant: A/Japan/305/57 (HA, NA) x A/Puerto Rico/8/34 (H2N2) (Kilbourne F96; X-135)\(^1\)-\(^3\)

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/Japan/305/57 (HA, NA) x A/Puerto Rico/8/34 (H2N2).

Packaging/Storage:
NR-3567 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: 9 to 11 day-old SPF embryonated chicken eggs
Infection: Embryonated chicken eggs must be candled for viability prior to inoculation
Incubation: 1-3 days at 33-35°C in a humidified chamber without CO\(_2\)
Effect: Hemagglutination (HA) 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 NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Kilbourne F96: A/Japan/305/57 (HA, NA) x A/Puerto Rico/8/34 (H2N2), Reassortant X-135, NR-3567.”

Biosafety Level: 2

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References:
3. http://www.flu-archive.org/search/results.pl?search_string=&join_type=and

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