Kilbourne F79: A/turkey/Massachusetts/3740/75 (HA) x A/Beijing/32/92 (NA) x A/Puerto Rico/8/34 (H6N2), Reassortant X-118a

Catalog No. NR-3552
Derived from NIAID Catalog No. V-331-0E5240

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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/turkey/Massachusetts/3740/75 (HA) x A/Beijing/32/92 (NA) x A/Puerto Rico/8/34 (H6N2) (Kilbourne F79; X-118a)\(^1\)^\(^3\)

**Comment:** X-118a is an antigenic hybrid with an H6 hemagglutinin derived from A/turkey/Massachusetts/3740/75 and an N2 neuraminidase from X-117, a high yield reassortant of A/Beijing/32/92 (H3N2) and A/Puerto Rico/8/34 (H1N1) viruses.\(^4\)

**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/turkey/Massachusetts/3740/75 (HA) x A/Beijing/32/92 (NA) x A/Puerto Rico/8/34 (H6N2).

**Packaging/Storage:**
NR-3552 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 to 3 days at 35°C in a humidified chamber without CO\(_2\)

**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 NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Kilbourne F79: A/turkey/Massachusetts/3740/75 (HA) x A/Beijing/32/92 (NA) x A/Puerto Rico/8/34 (H6N2), Reassortant X-118a, NR-3552.”

**Biosafety Level:** 2

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**References:**


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