

Kilbourne F8: A/New Jersey/11/76 (H1N1) Mutant, Low (L) Yield**Catalog No. NR-3477**

Derived from NIAID Catalog No. V-331-0E4372

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National Institutes of Allergy and Infectious Diseases,
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Product Description:

Virus Classification: *Orthomyxoviridae, Influenzavirus A*

Species: Influenza A virus

Mutant: A/New Jersey/11/76 (H1N1) mutant, low (L) yield
(Kilbourne F8)¹⁻³

Comment: This is a low (L) yield HA mutant of A/New Jersey/11/76 (H1N1) virus that was isolated from the 1976 epidemic at Ft. Dix, New Jersey.⁴

Material Provided:

Each vial contains approximately 1 mL of pooled allantoic fluid from specific-pathogen free (SPF) embryonated chicken eggs infected with a low (L) yield mutant (Kilbourne F8) of influenza A virus, A/New Jersey/11/76 (H1N1).

Packaging/Storage:

NR-3477 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

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 F8: A/New Jersey/11/76 (H1N1) Mutant, Low (L) Yield, NR-3477."

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, 2007; see www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm.

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