

Influenza A Virus, A/Puerto Rico/8/1934 (H1N1)

Catalog No. NR-348

(Derived from ATCC® VR-95™)

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Contributor:

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Manufacturer:

BEI Resources

Product Description:

Virus Classification: *Orthomyxoviridae, Influenzavirus A*

Species: Influenza A virus

Strain/Isolate: A/Puerto Rico/8/1934 (H1N1)

Original Source: Influenza A virus, A/Puerto Rico/8/1934 (H1N1) was isolated in 1934 from a patient in Puerto Rico.¹

Comments: Influenza A virus, A/Puerto Rico/8/1934 (H1N1) was deposited at ATCC® in 1956 by the World Health Organization International Influenza Center for the Americas, National Communicable Disease Center, Atlanta, Georgia. Sequence information is available for influenza A virus, A/Puerto Rico/8/1934 (H1N1) at the [Influenza Research Database](http://www.ncbi.nlm.nih.gov/nuccore/114841).

Material Provided:

Each vial contains approximately 1 mL of pooled allantoic fluid from specific pathogen free (SPF) embryonated chicken eggs infected with influenza A virus, A/Puerto Rico/8/1934 (H1N1).

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

Packaging/Storage:

NR-348 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 to confirm viability prior to inoculation

Incubation: 2 days at 35°C in a humidified chamber

Effect: Hemagglutination activity using allantoic fluid from infected embryonated chicken eggs and chicken red blood cells

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH:

Influenza A Virus, A/Puerto Rico/8/1934 (H1N1), NR-348."

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:

- Francis, T. "Immunological Relationships of Strains of Filterable Virus Recovered from Cases of Human Influenza." Proc. Soc. Exp. Biol. Med. 32 (1935): 1172-1175.

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