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

Catalog No. NR-348
(Derived from ATCC® VR-95™)

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Contributor:
ATCC®

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 Bacterial and Viral Bioinformatics Resource Center.

Material Provided:
Each vial contains approximately 1.0 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

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References:

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