Product Information Sheet for NR-15568

Influenza A Virus, A/Fort Monmouth/1/1947 (H1N1)

Catalog No. NR-15568

For research use only. Not for use in humans.

Contributor:
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Manufacturer:
BEI Resources

Product Description:
Virus Classification: *Orthomyxoviridae*, *Influenzavirus A*
Species: Influenza A virus
Strain/Isolate: A/Fort Monmouth/1/1947 (H1N1)
Original Source: Influenza A virus, A/Fort Monmouth/1/1947 (H1N1) was isolated from a human in Fort Monmouth, New Jersey in 1947.
Comments: Sequence information is available for influenza A virus, A/Fort Monmouth/1/1947 (H1N1) at the Bacterial and Viral Bioinformatics Resource Center.

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/Fort Monmouth/1/1947 (H1N1).

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

Packaging/Storage:
NR-15568 was packaged aseptically in 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: 3 days at 35°C in a humidified chamber
Effect: Hemagglutination activity using allantoic fluid from infected embryonated chicken eggs and turkey red blood cells

Citation:
Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Influenza A Virus, A/Fort Monmouth/1/1947 (H1N1), NR-15568."

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 (BMBL). Current Edition. Washington, DC: U.S. Government Printing Office.

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References:
1. Rekart, M., et al. "Prevalence of Hemagglutination Inhibition Antibody to Current Strains of the H3N2 and H1N1 Subtypes of Influenza A Virus in Sera Collected from the Elderly in 1976." Am. J. Epidemiol. 115 (1982): 587-597. PubMed: 7072705.

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