Product Information Sheet for NR-45160

Influenza A Virus, A/mallard/Alberta/58/1989 (H6N4)

Catalog No. NR-45160

For research use only. Not for use in humans.

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Manufacturer:
BEI Resources

Product Description:
Virus Classification: *Orthomyxoviridae*, *Influenzavirus A*
Species: Influenza A virus
Strain/Isolate: A/mallard/Alberta/58/1989 (H6N4)
Original Source: Influenza A virus, A/mallard/Alberta/58/1989 (H6N4) was isolated from a mallard in Alberta, Canada, on August 6, 1989.[1]
Comments: Sequence information is available for influenza A virus, A/mallard/Alberta/58/1989 (H6N4) 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/mallard/Alberta/58/1989 (H6N4).

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

Packaging/Storage:
NR-45160 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/mallard/Alberta/58/1989 (H6N4), NR-45160."

Biosafety Level: 3
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). 6th ed. Washington, DC: U.S. Government Printing Office, 2020.

Disclaimers:
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Reference:
1. Bahl, J., et al. "Influenza A Virus Migration and Persistence in North American Wild Birds." PLoS Pathog. 9 (2013): e1003570. PubMed: 24009503.

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