

# **Product Information Sheet for NR-45170**

SUPPORTING INFECTIOUS DISEASE RESEARCH

# Influenza A Virus, A/laughing gull/ Delaware Bay/2718/1987 (H9N5)

## Catalog No. NR-45170

## For research use only. Not for human use.

### **Contributor:**

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#### Manufacturer:

**BEI Resources** 

### **Product Description:**

<u>Virus Classification</u>: *Orthomyxoviridae, Influenzavirus A* <u>Species</u>: Influenza A virus

Strain: A/laughing gull/Delaware Bay/2718/1987 (H9N5)

Original Source: Influenza A virus, A/laughing gull/Delaware Bay/2718/1987 (H9N5) was isolated from a laughing gull in Delaware Beach Shores, Delaware, USA on May 19, 1987.

<u>Comments</u>: Sequence information is available for influenza A virus, A/laughing gull/Delaware Bay/2718/1987 (H9N5) at the Influenza Research Database.

#### **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/laughing qull/Delaware Bay/2718/1987 (H9N5).

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

### Packaging/Storage:

NR-45170 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 10-day-old SPF embryonated chicken eggs
Infection: Embryonated chicken eggs must be candled for viability prior to inoculation

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

<u>Effect</u>: 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 BEI Resources, NIAID, NIH: Influenza A Virus, A/laughing gull/Delaware Bay/2718/1987 (H9N5), NR-45170."

### 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, 1987; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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### References:

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

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