

**Influenza A Virus,  
A/equine/Pennsylvania/1/07 (H3N8)****Catalog No. NR-13426****For research use only. Not for human use.**

NR-13426 is contaminated with *Mycoplasma felis*. Please determine whether or not this product is acceptable for your intended use.

**Contributor:**

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**Product Description:**

Virus Classification: *Orthomyxoviridae, Influenzavirus A*

Species: Influenza A virus

Strain/Isolate: A/equine/Pennsylvania/1/07 (H3N8)

Original Source: Influenza virus, A/equine/Pennsylvania/1/07 (H3N8) was isolated from a nasopharyngeal swab taken from a horse in Pennsylvania (September, 2007).<sup>1</sup>

**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/equine/Pennsylvania/1/07 (H3N8).

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

**Packaging/Storage:**

NR-13426 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -80°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: 10-day-old SPF embryonated chicken eggs

Infection: Embryonated chicken eggs must be candled for viability prior to inoculation

Incubation: 1 to 3 days at 33 to 35°C in a humidified chamber without CO<sub>2</sub>

Effect: 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 the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Influenza A Virus, A/equine/Pennsylvania/1/07 (H3N8), NR-13426."

**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, 2007; see [www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm](http://www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm).

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**References:**

1. Bryant, N. A., et al. "Antigenic and Genetic Variations in European and North American Equine Influenza Virus Strains (H3N8) Isolated from 2006 to 2007." Vet. Microbiol. 138 (2009): 41-52. PubMed: 19346084.

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