

Influenza A Virus, A/duck/Germany/1215/1973 (H2N3)

Catalog No. NR-2757

(Derived from ATCC® VR-1328™)

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/duck/Germany/1215/1973 (H2N3)

Original Source: Influenza A virus, A/duck/Germany/1215/1973 (H2N3) was deposited at ATCC® by Robert G. Webster, Ph.D., St. Jude Children's Research Hospital, Memphis, Tennessee, USA.¹

Comments: Sequence information is available for influenza A virus, A/duck/Germany/1215/1973 (H2N3) at the [Bacterial and Viral Bioinformatics Resource Center](#).²

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/duck/Germany/1215/1973 (H2N3).

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

Packaging/Storage:

NR-2757 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: 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/duck/Germany/1215/1973 (H2N3), NR-2757."

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

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References:

1. Webster, R. G., W. G. Laver and B. Tumova. "Studies on the Origin of Pandemic Influenza Viruses V. Persistence of Asian Influenza Virus Hemagglutinin (H2) Antigen in Nature?" *Virology* 67 (1975): 534-543. PubMed: 52942.
2. Obenauer, J. C., et al. "Large-Scale Sequence Analysis of Avian Influenza Isolates." *Science* 311 (2006): 1576-1580. PubMed: 16439620.
3. Lui, M., et al. "Preparation of a Standardized, Efficacious Agricultural H5N3 Vaccine by Reverse Genetics." *Virology* 314 (2003): 580-590. PubMed: 14554086.

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