

**Influenza A Virus,
A/duck/Czechoslovakia/1956
(uncloned) (H4N6)**

Catalog No. NR-28614

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: A/duck/Czechoslovakia/1956 (H4N6), also A/duck/Czech Republic/1956 (H4N6) and A/duck/Czech Republic/1/1956 (H4N6)

Original Source: Influenza A virus, A/duck/Czechoslovakia/1956 (H4N6) was isolated from a duck in Košice, in what is now Slovakia, in 1956.^{1,2}

Comments: Sequence information is available for influenza A virus, A/duck/Czech Republic/1/1956 (H4N6) at the [Influenza Research Database](#). Note that although NR-28614 was deposited to BEI Resources as A/duck/Czechoslovakia/1956 (H4N6), nucleotide sequence obtained from the same source material by the NIAID Influenza Genome Sequencing Consortium was deposited to NCBI and IRD as A/duck/Czech Republic/1/1956 (H4N6). Comparison of several published nucleotide sequences indicates that the two strain designations can be considered synonymous. Moreover, a review of the literature suggests that this virus is ultimately derived from the Czechoslovak duck influenza virus first described by Koppel, et al., and originally known as A/Anatis/Košice/1956.^{1,2} Košice is located in eastern Slovakia, not in the Czech Republic.

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/duck/Czech Republic/1/1956 (H4N6).

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

Packaging/Storage:

NR-28614 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: 3 days at 34°C in a humidified chamber without CO₂

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/Czechoslovakia/1956 (H4N6) (uncloned), NR-28614."

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](#). 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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References:

1. Koppel, Z. J., et al. "A Mass Infection of Ducklings in Eastern Slovakia." Veterinářství 6 (1956): 267.
2. Pereira, H. G., B. Tůmová and V. G. Law. "Avian Influenza A Viruses." Bull. World Health Organ. 32 (1965): 855-860. PubMed: 5294310.

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