Influenza A Virus, A/chicken/Germany/N/49 (H10N7)

Catalog No. NR-2760
(Derived from ATCC® VR-1334™)

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Contributor:
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Product Description:

Virus Classification: Orthomyxoviridae, Influenzavirus A
Species: Influenza A virus
Strain/Isolate: A/chicken/Germany/N/49 (H10N7)
Original Source: 1 Isolated in 1949 from a dead chicken in Bavaria
Comments: Influenza A/chicken/Germany/N/49 (H10N7) was deposited at ATCC® by Robert G. Webster, Ph.D., St. Jude Children's Research Hospital, Memphis, Tennessee. The complete genomic sequence of influenza A/chicken/Germany/N/49 (H10N7) has been determined (GenBank: CY014671 to CY014678). 2 Influenza A/chicken/Germany/N/49 (H10N7) is a prototype, apathogenic strain of the H10 subtype. 3

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/chicken/Germany/N/49 (H10N7).

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

Packaging/Storage:
NR-2760 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: 10-day-old SPF embryonated chicken eggs
Infection: Embryonated chicken eggs must be candled for viability prior to inoculation
Incubation: 1–3 days at 35°C in a humidified chamber without CO2
Effect: Hemagglutination activity using 0.5% chicken red blood cells

Citation:
Acknowledgment for publications should read “The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Repository, NIAID, NIH: Influenza A Virus, A/chicken/Germany/N/49 (H10N7), NR-2760.”

Biosafety Level: 2

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References:

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