

Influenza A Virus, A/gull/Maryland/704/1977 (H13N6)

Catalog No. NR-21663

Product Description:

Influenza A virus, A/gull/Maryland/704/1977 (H13N6) was isolated from a gull in Maryland on September 22, 1977. NR-21663 was produced in the allantoic cavity of specific pathogen free (SPF) embryonated chicken eggs (10- to 11-day-old) infected with the deposited material for 2 days at 35°C in a humidified chamber.

Lot: 59807773

Manufacturing Date: 04MAR2011

TEST	SPECIFICATIONS	RESULTS
Identification by Infectivity Using Embryonated Chicken Eggs Hemagglutination activity using allantoic fluid from infected eggs and 0.5% chicken red blood cells	Positive	Positive
Sequencing of Hemagglutinin and Matrix Coding Regions Hemagglutinin (~ 192 nucleotides) Matrix (~ 876 nucleotides)	Consistent with A/gull/Maryland/704/1977 (H13N6) (GenBank: CY089637) Consistent with A/gull/Maryland/704/1977 (H13N6) (GenBank: CY014695)	Identical to A/gull/Maryland/704/1977 (H13N6) (GenBank: CY089637) 99% identity with A/gull/Maryland/704/1977 (H13N6) (GenBank: CY014695)
Titer by CEID₅₀ Assay in Embryonated Chicken Eggs¹ (2 days at 35°C in a humidified chamber)	Report results	8.9×10^8 CEID ₅₀ /mL ²
Sterility (21-day incubation) Harpo's HTYE broth, 37°C and 26°C, aerobic ³ Trypticase Soy broth, 37°C and 26°C, aerobic Sabouraud broth, 37°C and 26°C, aerobic Sheep blood agar, 37°C, aerobic Sheep blood agar, 37°C, anaerobic Thioglycollate broth, 37°C, anaerobic DMEM with 10% FBS, 37°C, aerobic	No growth No growth No growth No growth No growth No growth No growth	No growth No growth No growth No growth No growth No growth No growth
Mycoplasma Contamination Agar and broth culture (14-day incubation at 37°C) DNA detection by PCR of extracted Test Article nucleic acid	None detected None detected	None detected None detected

¹The Chicken Embryo Infectious Dose 50% (CEID₅₀) is the dilution of virus that under the conditions of the assay can be expected to infect 50% of the inoculated embryonated chicken eggs, just as a Lethal Dose 50% (LD₅₀) is expected to kill half of the animals exposed. A reciprocal of the dilution required to yield the CEID₅₀ provides a measure of the infectious titer (or infectivity) of a virus preparation.

²Titer retested 13JUL2026 with 0.5% turkey RBCs. Previously reported titer from 2011 was 1.6×10^9 CEID₅₀.

³Atlas, Ronald M. Handbook of Microbiological Media. 3rd ed. Ed. Lawrence C. Parks. Boca Raton: CRC Press, 2004, p. 798.

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19 AUG 2026

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