

Influenza A Virus, A/Beijing/262/1995 (H1N1)

Catalog No. NR-12277

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Product Description:

Influenza A virus, A/Beijing/262/1995 (H1N1) was isolated from a human in Beijing, China in 1995. Following isolation this strain was passaged in eggs at the Centers for Disease Control, Atlanta, Georgia, USA, followed by two egg passages at Baylor College of Medicine, Texas, USA prior to deposition. Lot 70077323 was produced in the allantoic cavity of specific pathogen free (SPF) embryonated chicken eggs (9- to 11-day-old; AVS Bio, Norwich, Connecticut, USA) infected with BEI Resources seed lot 58641559 for 2 days at 35°C in a humidified chamber.

Lot: 70077323

Manufacturing Date: 01AUG2025

TEST	SPECIFICATIONS	RESULTS
Identification by Infectivity Using Embryonated Chicken Eggs Hemagglutination activity using allantoic fluid from infected eggs and 0.5% turkey red blood cells	Positive	Positive
Sequencing of Hemagglutinin and Matrix Coding Regions Hemagglutinin (~ 450 nucleotides) Matrix (~ 850 nucleotides)	≥ 98% sequence identity with A/Beijing/262/1995 (H1N1) (GenBank: AJ458900) ≥ 98% sequence identity with A/Beijing/262/1995 (H1N1) (GenBank: CY033615)	100% sequence identity with A/Beijing/262/1995 (H1N1) (GenBank: AJ4579001) 99.9% sequence identity with A/Beijing/262/1995 (H1N1) (GenBank: CY033615)
Titer by CEID₅₀ Assay in Embryonated Chicken Eggs¹ (2 days at 35°C in a humidified chamber)	Report results	1.6 × 10 ⁸ CEID ₅₀ /mL
Sterility test (BacT/ALERT 3D) iAST bottle (aerobic) at 32.5°C, 14-day incubation iNST bottle (anaerobic) at 32.5°C, 14-day incubation	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.

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09 DEC 2025

Technical Manager or designee, ATCC Federal Solutions

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