

Influenza C Virus, C/Taylor/1233/1947

Catalog No. NR-3183

Product Description: Pooled allantoic fluid from embryonated chicken eggs infected with influenza C virus, C/Taylor/1233/1947.

Passage History: E4/E5 (CDC/Parke-Davis; E# = Number of passages in embryonated chicken eggs)

Lot: V-303-001-000

Manufacturing Date: ~1969

TEST	SPECIFICATIONS	RESULTS
Hemagglutination Activity NR-3183 and 1% human type O red blood cells ¹	Positive	Positive
Identification by Matrix Gene Sequencing (~ 980 nucleotides)	Consistent with C/Taylor/1233/1947 (GenBank: D26546)	99% identity with C/Taylor/1233/1947 (GenBank: D26546)
Titer by CEID₅₀ Assay¹⁻⁴ in Embryonated Chicken Eggs	Report results	2.1 x 10 ⁶ CEID ₅₀ /mL
Sterility (21-day incubation) Harpo's HTYE broth ⁵ , 37°C and 26°C, aerobic Trypticase soy broth, 37°C and 26°C, aerobic Sabouraud broth, 37°C and 26°C, aerobic Blood agar, 37°C, aerobic Blood agar, 37°C, anaerobic Thioglycollate broth, 37°C, anaerobic DMEM with 10% FBS, 37°C and 5% CO ₂	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

¹Biological Specialty Corporation (235-21), human type O red blood cells

²The 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.

³3 days at 34°C in a humidified chamber in ambient air by HA with 1% human type O red blood cells

⁴8 day-old SPF Fertile Chicken Eggs acquired from B&E Eggs, York Springs, Pennsylvania

⁵Atlas, Ronald M. Handbook of Microbiological Media. 3rd ed. Ed. Lawrence C. Parks. Boca Raton: CRC Press, 2004, p. 798.

Date: 14 OCT 2011

Signature: *Dorothy C. Young*

Title: Technical Manager, BEI Authentication or designee

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