

Influenza B Virus, B/Hong Kong/330/2001 (Victoria Lineage)

Catalog No. NR-41802

Product Description: Influenza B virus, B/Hong Kong/330/2001 (Victoria Lineage) was isolated from a human in Hong Kong in 2001.

Lot^{1,2}: 70020821

Manufacturing Date: 21NOV2018

TEST	SPECIFICATIONS	RESULTS
Identification by Infectivity Using Embryonated Chicken Eggs³ Hemagglutination activity using allantoic fluid from infected eggs and 0.5% chicken red blood cells	Positive	Positive
Sequencing of Hemagglutinin Coding Region (~ 930 nucleotides)	≥ 98% identity with B/Hong Kong/330/2001 (Victoria Lineage) (GenBank: CY018709.1)	100% identity with B/Hong Kong/330/2001 (Victoria Lineage) (GenBank: CY018709.1)
Titer by CEID₅₀ Assay^{4,5} in Embryonated Chicken Eggs³	Report results	1.8 × 10 ⁷ CEID ₅₀ per mL
Sterility (21-day incubation) Harpo's HTYE broth ⁶ , 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

¹Derived from CDC ID No. 2007700596

²Lot 70020821 of NR-41802 was produced in the allantoic cavity of specific pathogen free (SPF) embryonated chicken eggs³ infected with BEI Resources NRS-41802 lot 61361420 for 2 days at 34°C in a humidified chamber.

³10- to 11-day-old SPF embryonated chicken eggs acquired from Charles River, Norwich, Connecticut, USA

⁴The 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.

⁵Infected SPF embryonated chicken eggs³ were incubated for 2 days at 34°C in a humidified chamber.

⁶Atlas, Ronald M. *Handbook of Microbiological Media*. 3rd ed. Ed. Lawrence C. Parks. Boca Raton: CRC Press, 2004, p. 798.

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