

Influenza B Virus, B/Florida/4/2006 (Yamagata Lineage)

Catalog No. NR-9696

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Product Description: Pooled allantoic fluid from specific pathogen free (SPF) embryonated chicken eggs¹ infected with influenza B virus, B/Florida/4/2006 (Yamagata Lineage)

Lot^{2,3}: 58155275

Manufacturing Date: 18APR2008

TEST	SPECIFICATIONS	RESULTS
Identification by Infectivity Using Embryonated Chicken Eggs¹ Hemagglutination activity using allantoic fluid from infected eggs and 0.5% chicken red blood cells Infected embryonated chicken eggs	Hemagglutination activity Report results	Hemagglutination activity No death of embryo
Identification by Directigen EZ Flu A+B⁴	Influenza B virus	Influenza B virus
Titer by CEID₅₀ Assay^{5,6} in Embryonated Chicken Eggs¹	Report results	2.81 × 10 ⁸ CEID ₅₀ per mL
Sterility (21-day incubation) Harpo's HTYE broth ⁷ , 37°C and 26°C, aerobic 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 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

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

²Source virus for this lot was prepared in embryonated hen eggs and provided by the Centers for Disease Control and Prevention, Atlanta, Georgia.

³Grown in the allantoic cavity of embryonated chicken eggs¹ for 2 days at 33°C in a humidified chamber without CO₂

⁴Using Directigen™ EZ Flu A+B Kit (BD 256050).

⁵The 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.

⁶2 days at 33°C in a humidified chamber without CO₂

⁷Atlas, Ronald M. Handbook of Microbiological Media. 3rd ed. Ed. Lawrence C. Parks. Boca Raton: CRC Press, 2004, p. 798.

Date: 20 MAY 2013

Signature: 

Title: Technical Manager, BEI Authentication or designee

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