

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

**Catalog No. NR-9696**

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**Product Description:**

Influenza B virus, B/Florida/4/2006 (Yamagata Lineage) was isolated from a human in Florida, USA on November 1, 2006.

**Lot: 70022142<sup>1,2,3</sup>**

**Manufacturing Date: 04APR2019<sup>1</sup>**

TEST	SPECIFICATIONS	RESULTS
<b>Identification by Infectivity Using Embryonated Chicken Eggs<sup>4</sup></b> Hemagglutination activity using allantoic fluid from infected eggs and 0.5% chicken red blood cells	Positive	Positive
<b>Sequencing of Hemagglutinin Coding Region</b> (~ 830 nucleotides)	≥ 98% identity with B/Florida/4/2006 (Yamagata Lineage) (GenBank: KP461501)	100% identity with B/Florida/4/2006 (Yamagata Lineage) (GenBank: KP461501)
<b>Titer by CEID<sub>50</sub> Assay in Embryonated Chicken Eggs<sup>4,5,6</sup></b>	Report results	2.8 × 10 <sup>8</sup> CEID <sub>50</sub> per mL
<b>Sterility (21-day incubation)</b> Harpo's HTYE broth, 37°C and 26°C, aerobic <sup>7</sup> 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 <sub>2</sub>	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
<b>Mycoplasma Contamination</b> 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

<sup>1</sup>A bulk preparation of NRS-9696 lot 58155279 was dispensed 04APR2019 to create NR-9696 lot 70022142. The newly dispensed material underwent quality control testing.

<sup>2</sup>NRS-9696 lot 58155279 was grown in the allantoic cavity of embryonated chicken eggs for 2 days at 33°C in a humidified chamber without CO<sub>2</sub>.

<sup>3</sup>Source virus for this lot was prepared in embryonated hen eggs and provided by the Centers for Disease Control and Prevention, Atlanta, Georgia, USA.

<sup>4</sup>9- to 11-day-old SPF embryonated chicken eggs acquired from Charles River, Norwich, Connecticut, USA

<sup>5</sup>The Chicken Embryo Infectious Dose 50% (CEID<sub>50</sub>) 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% (LD<sub>50</sub>) is expected to kill half of the animals exposed. A reciprocal of the dilution required to yield the CEID<sub>50</sub> provides a measure of the infectious titer (or infectivity) of a virus preparation.

<sup>6</sup>Infected SPF embryonated chicken eggs were incubated for 3 days at 33°C in a humidified chamber.

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

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