

**Influenza B Virus, B/Malaysia/2506/04**

**Catalog No. NR-12280**

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**Product Description:** Pooled allantoic fluid from specific-pathogen free (SPF) embryonated chicken eggs<sup>1</sup> infected with influenza B virus, B/Malaysia/2506/04.

**Lot<sup>2,3</sup>: 58550039**

**Manufacturing Date: 13MAR2009**

TEST	SPECIFICATIONS	RESULTS
<b>Identification by Infectivity Using Embryonated Chicken Eggs<sup>1</sup></b> Hemagglutination activity using allantoic fluid from infected eggs and 0.5% chicken red blood cells	Positive	Positive
<b>Sequencing of Species-Specific Region (~ 900 nucleotides)</b>	Influenza B virus	Influenza B virus
<b>Identification by Directigen EZ Flu A+B<sup>4</sup></b>	Influenza B virus	Influenza B virus
<b>Titer by CEID<sub>50</sub> Assay<sup>5,6</sup> in Embryonated Chicken Eggs<sup>1</sup></b>	Report results	2.8 X 10 <sup>8</sup> CEID <sub>50</sub> /mL
<b>Sterility (BacT/ALERT<sup>®</sup> 3D Microbial Detection System)</b> 14-day incubation of NR-12280: i NST culture bottle, 32°C, anaerobic i AST culture bottle, 32°C, anaerobic	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>10 to 11-day-old SPF Fertile Chicken Eggs acquired from B&E Eggs, York Springs, Pennsylvania

<sup>2</sup>Source virus for this lot was prepared in embryonated chicken eggs and provided by the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH. Influenza B virus, B/Malaysia/2506/04 was isolated on June 12, 2004 from a human nasal swab in Malaysia. Following isolation this strain was passaged in eggs at the CDC followed by two egg passages at Baylor College of Medicine prior to deposition.

<sup>3</sup>Grown in the allantoic cavity of embryonated chicken eggs<sup>1</sup> for 48 hours at 33°C in a humidified chamber

<sup>4</sup>Using Directigen™ EZ Flu A+B Kit (BD 256050) for 48 hours at 33°C in ambient air

<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>2 days at 33°C in ambient air

**Date:** 29 SEP 2009

**Signature:** Signature on File

**Title:** Technical Manager, BEI Authentication or designee

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