

**Monoclonal Anti-Influenza Virus H9 Hemagglutinin (HA) Protein (2F4), A/duck/Hong Kong/Y280/1997 (H9N2), (ascites, Mouse)**

**Catalog No. NR-9497**

This reagent is the property of the U.S. Government.

**Product Description:**

Mouse monoclonal antibody specific to a recombinant form of the H9 hemagglutinin (HA) protein of the A/duck/Hong Kong/Y280/1997 (H9N2) strain of influenza virus was produced in mouse ascites. Sodium azide (0.02%) and gentamycin (0.01%) were added to the pooled ascites fluid prior to vialing and lyophilization.

**Lot: 58075019**

**Manufacturing Date: 28DEC2007**

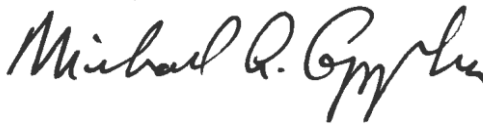
| TEST  | SPECIFICATIONS            | RESULTS                   |
|---|---------------------------|---------------------------|
| <b>Antibody Class</b>   | Report results            | IgG2b. κ                  |
| <b>Functional Activity<sup>1</sup></b><br>Hemagglutination inhibition (HI) titer with A/duck/Hong Kong/Y280/1997 (H9N2) | Report results            | 1:12800                   |
| HI assay with reference antigens representing all 16 HA subtypes  | Specific to H9 HA subtype | Specific to H9 HA subtype |
| HI titers with H9 HA influenza viruses  |                           |                           |
| Eurasian avian  |                           |                           |
| Korea-like lineage  |                           |                           |
| A/chicken/Korea/25232-96006/1996 (H9N2)   | Report results            | < 1:100                   |
| G1-like lineage   |                           |                           |
| A/quail/Hong Kong/G1/1997   | Report results            | < 1:100                   |
| A/Hong Kong/1073/1999   | Report results            | < 1:100                   |
| Chicken Beijing-like subgroup 1   |                           |                           |
| A/chicken/Beijing/1/1994 (H9N2)   | Report results            | 1:100                     |
| A/Hong Kong/2108/2003 (H9N2)  | Report results            | < 1:100                   |
| Chicken Beijing-like subgroup 2   |                           |                           |
| A/chicken/Hong Kong/G9/1997 (H9N2)  | Report results            | 1:204800                  |
| A/chicken/Hong Kong/FY23/2003 (H9N2)  | Report results            | 1:51200                   |
| North American avian <sup>2</sup>   |                           |                           |
| A/shorebird/Delaware/554/2007 (H9N2)  | Report results            | < 1:100                   |
| Other viruses   |                           |                           |
| A/ostrich/South Africa/9508103/1995 (H9N2)  | Report results            | < 1:100                   |
| A/chicken/Pakistan/2/1999 (H9N2)  | Report results            | 1:100                     |
| A/turkey/Shadmot Dvorah/1567/2004 (H9N2)  | Report results            | 1:400                     |
| A/falcon/United Arab Emirates/897/2007 (H9N2)   | Report results            | < 1:100                   |
| A/chicken/Hebei/3/1998 (H9N2)   | Report results            | 1:12800                   |
| A/chicken/Hong Kong/FY313/2000 (H9N2)   | Report results            | 1:25600                   |
| <b>Sterility</b>  | Report results            | Low bioburden             |

<sup>1</sup>HI assays were performed in microtiter plates with 0.5% chicken red blood cells.

<sup>2</sup>No reactivity was observed with several viruses of North American lineage; only one is shown as an example.

## Certificate of Analysis for NR-9497

**Date:** 03 NOV 2014

**Signature:** 

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

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