

# Polyclonal Anti-Influenza A Virus H3 Hemagglutinin (HA), A/Switzerland/8060/2017 (H3N2) (antiserum, Goat)

## Catalog No. NR-59931

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## Product Description:

Antiserum to the H3 hemagglutinin (HA) from influenza virus was produced by immunization of a goat with recombinant baculovirus-expressed H3 HA protein from influenza A/Switzerland/8060/2017 (H3N2). This item was manufactured and subjected to quality control testing by St. Jude Children's Research Hospital (SJCRH), Memphis, Tennessee, USA.

Lot: 70073605

Manufacturing Date: 04FEB2025<sup>1</sup>

| TEST  | SPECIFICATIONS            | RESULTS                   |
|---|---------------------------|---------------------------|
| <b>Functional Activity<sup>2</sup></b>  |                           |                           |
| Hemagglutinin inhibition (HI) titer with homologous virus A/Switzerland/8060/2017 (H3N2) Clade 3C.2a2 | Report results            | 1:5120                    |
| HI assay with antigens representing 16 HA subtypes <sup>2</sup>                                       | Specific to H3 HA subtype | Specific to H3 HA subtype |
| HI titers with H3 influenza virus <sup>3</sup>  |                           |                           |
| Human types:  |                           |                           |
| A/Perth/16/2009 (H3N2) Clade 1  | Report results            | 1:6400                    |
| A/Texas/50/2012 (H3N2) Clade 3C.1   |                           | 1:5120                    |
| A/Hong Kong/5738/2014 (H3N2) Clade 3C.2a  |                           | 1:1280                    |
| A/Hong Kong/2286/2017 (H3N2) Clade 3C.2a1   |                           | 1:5120                    |
| A/Darwin/9/2021 (H3N2)  | Report results            | 1:640                     |
| Avian Lineage (Eurasian):   |                           |                           |
| A/Duck/Nanchang/8-174/2000 (H3N6)   | Report results            | < 20                      |
| A/Wild duck/Shantou/27/2003 (H3N2)  | Report results            | 1:5120                    |
| Swine Lineage:  |                           |                           |
| A/Swine/Ohio/16TOSU4783/2017 (H3N2)   | Report results            | 1:1280                    |
| A/Swine/Illinois/TM1707DTW18/2017 (H3N2)  | Report results            | 1:2560                    |
| <b>Sterility</b>  | Report results            | Low bioburden             |

<sup>1</sup>Dispensed at BEI Resources 04FEB2025

<sup>2</sup>HI assays were performed with 0.5% turkey red blood cells (tRBC).

<sup>3</sup>Treatment with 3 parts of receptor destroying enzyme (RDE; Denka Seiken Co., LTD) in phosphate-buffered saline (PBS) to 1-part sera at 37°C overnight, followed by heat-inactivation at 56°C for 45 minutes, then addition of 6 parts PBS, is needed to remove non-specific inhibitors of hemagglutination.

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03 APR 2025

Technical Manager or designee, ATCC Federal Solutions

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