

Polyclonal Anti-Influenza A Virus N2 Neuraminidase (NA), A/Hong Kong/2286/2017 (H3N2) (antiserum, Goat)

Catalog No. NR-53875

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

For research use only. Not for use in humans.

Contributor and Manufacturer:

St. Jude Children's Research Hospital (CEIRS)

Product Description:

Antiserum to the N2 neuraminidase (NA) from influenza virus was produced by immunization of a goat with purified NA protein from influenza A/Hong Kong/2286/2017 (H3N2).

Material Provided:

Each vial contains approximately 2.0 mL of goat polyclonal antiserum, lyophilized.

Packaging/Storage:

NR-53875 was packaged in glass serum vials with an aluminum crimp seal. The product is provided frozen and should be stored at -20°C to -40°C immediately upon arrival. Storage at warmer temperatures is not recommended due to a low bioburden. At colder temperatures, the rubber stopper may become brittle and compromise the seal. NR-53875 should be reconstituted with 2.0 mL of sterile distilled water. Reconstituted material should be stored at -20°C to -40°C. Reconstituted material may be thawed at room temperature and should be re-frozen.

Functional Activity:

NR-53875 is specific to the N2 NA of influenza virus as determined in neuraminidase inhibition (NI) assays. NR-53875 demonstrated reactivity with influenza viruses of N2 NA subtype based on NI and enzyme-linked lectin assays (ELLA). Suitable applications for NR-53875 include hemagglutinin inhibition (HI) assays, neuraminidase inhibition (NI) assays, western blot, ELISA, immunohistochemistry, immunoprecipitation and virus neutralization test.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Polyclonal Anti-Influenza A Virus N2 Neuraminidase (NA), A/Hong Kong/2286/2017 (H3N2) (antiserum, Goat), NR-53875."

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 6th ed.

Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmb15/index.htm.

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