

**Polyclonal Anti-Influenza Virus N2 Neuraminidase (NA), A/shorebird/Delaware/127/97 (H6N2), (antiserum, Goat)**

**Catalog No. NR-670**

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**For research use only. Not for human use.**

**Contributor and Manufacturer:**

NIH - Influenza Pandemic Preparedness in Asia Program

**Product Description:**

Antiserum to the N2 neuraminidase (NA) from influenza virus A/shorebird/Delaware/127/97 (H6N2)<sup>1,2</sup> was produced by immunization of goat with the recombinant protein.

**Material Provided:**

Each vial contains lyophilized (0.5 mL) goat polyclonal antiserum to the N2 NA from influenza virus A/shorebird/Delaware/127/97 (H6N2).

**Packaging/Storage:**

The lyophilized antiserum was packaged aseptically, 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. At colder temperatures, the rubber stopper may become brittle and compromise the seal. **NR-670 should be reconstituted with 0.5 mL of sterile distilled water. Note: Reconstitution with PBS (per the vial label) will result in excess salt.** Reconstituted serum should be stored at -20°C to -40°C. Reconstituted serum may be thawed at room temperature (preferred) or at 37°C and may be re-frozen.

**Functional Activity:**

NR-670 is specific to the N2 NA subtype of influenza virus as determined in serological neuraminidase inhibition (NI) assays. NR-670 demonstrated reactivity with influenza viruses of N2 NA subtype based on NI and ELISA assays. Applications: NI, ELISA, Western blot, virus neutralization test.

**Citation:**

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Polyclonal Anti-Influenza Virus N2 Neuraminidase (NA), A/shorebird/Delaware/127/97 (H6N2), (antiserum, Goat), NR-670."

**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. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see [www.cdc.gov/biosafety/publications/bmb15/index.htm](http://www.cdc.gov/biosafety/publications/bmb15/index.htm).

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**References:**

1. Webby, R. J., P. R. Woolcock, S. L. Krauss, and R. G. Webster. "Reassortment and Interspecies Transmission of North American H6N2 Influenza Viruses." Virology 295 (2002): 44–53. PubMed: 12033764.
2. Widjaja, L., et al. "Matrix Gene of Influenza A Viruses Isolated from Wild Aquatic Birds: Ecology and Emergence of Influenza A Viruses." J. Virol. 78 (2004): 8771–8779. PubMed: 15280485.

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