

Polyclonal Anti-Influenza Virus H5 Hemagglutinin (HA), A/duck/Hunan/795/2002 (H5N1) (antiserum, Goat)

Catalog No. NR-20530

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Contributor and Manufacturer:

St. Jude Children's Research Hospital (CEIRS)

Product Description:

Antiserum to the H5 hemagglutinin (HA) from influenza virus was produced by immunization of a goat with baculovirus-expressed H5 HA protein from A/duck/Hunan/795/2002 (H5N1).

Material Provided:

Each vial contains lyophilized (0.5 mL) goat polyclonal antiserum.

Packaging/Storage:

NR-20530 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-20530 should be reconstituted with 0.5 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-20530 is specific to the H5 HA subtype of influenza virus as determined in serological hemagglutinin inhibition (HI) assays. Applications: HI, Western blot, immunoprecipitation, virus neutralization test.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Polyclonal Anti-Influenza Virus H5 Hemagglutinin (HA), A/duck/Hunan/795/2002 (H5N1) (antiserum, Goat), NR-20530."

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/bmbl5/index.htm.

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References:

1. Wang, J., et al. "Identification of the Progenitors of Indonesian and Vietnamese Avian Influenza A (H5N1) Viruses from Southern China." *J. Virol.* 82 (2008): 3405-3414. PubMed: 18216109.

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