

Product Information Sheet for NR-2705

Polyclonal Anti-Influenza Virus H5 Hemagglutinin (HA), A/Vietnam/1203/2004 (H5N1) (antiserum, Goat)

Catalog No. NR-2705

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

For research use only. Not for human use.

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 goat with bromelain-released H5 HA protein from A/Vietnam/1203/2004 (H5N1)¹.

Material Provided:

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

Packaging/Storage:

NR-2705 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-2705 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-2705 is specific to the H5 HA subtype of influenza virus as determined in serological hemagglutinin inhibition (HI) assays with reference antigens to all 16 HA subtypes. Minor reactivity with the H3 HA subtype was observed. NR-2705 demonstrates broad reactivity within the H5 HA subtype based on HI assays.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Polyclonal Anti-Influenza Virus H5 Hemagglutinin (HA), A/Vietnam/1203/2004 (H5N1) (antiserum, Goat), NR-2705."

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:

- Choi, Y. K., et al. "Studies of H5N1 Influenza Virus Infection of Pigs by Using Viruses Isolated in Vietnam and Thailand in 2004." J. Virol. 79 (2005): 10821-10825. PubMed: 16051873.

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