

Polyclonal Anti-Influenza Virus H7 Hemagglutinin (HA), A/Netherlands/219/2003 (H7N7) (antiserum, Goat)

Catalog No. NR-9226

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For research use only. Not for human use

Contributor and Manufacturer:

St. Jude Children's Research Hospital (CEIRS)

Product Description:

Antiserum to the H7 hemagglutinin (HA) from influenza virus was produced by immunization of a goat with baculovirus-expressed H7 HA protein from A/Netherlands/219/2003 (H7N7).

Material Provided:

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

Packaging/Storage:

NR-9226 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-9226 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-9226 is specific to the H7 HA subtype of influenza virus as determined in serological hemagglutinin inhibition (HI) assays. NR-9226 demonstrates broad reactivity within the H7 HA subtype based on HI assays. Applications: HI, Western blot, immunoprecipitation, immunocytochemistry, virus neutralization test.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Polyclonal Anti-Influenza Virus H7 Hemagglutinin (HA), A/Netherlands/219/2003 (H7N7) (antiserum, Goat), NR-9226."

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. Fouchier, R. A., et al. "Avian Influenza A Virus (H7N7) Associated With Human Conjunctivitis and a Fatal Case of Acute Respiratory Distress Syndrome." Proc. Natl. Acad. Sci. U. S. A. 101 (2004): 1356-1361. PubMed: 14745020.
2. Koopmans, M., et al. "Transmission of H7N7 Avian Influenza A Virus to Human Beings During a Large Outbreak in Commercial Poultry Farms in the Netherlands." Lancet 363 (2004): 587-593. PubMed: 14987882.
3. Krauss, S., et al., "Influenza in Migratory Birds and Evidence of Limited Intercontinental Virus Exchange." PLoS Pathog. 3 (2007): e167. PubMed: 17997603.

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