Product Information Sheet for NR-10274

Polyclonal Anti-Influenza Virus H5 Hemagglutinin (HA), A/Vietnam/1203/2004 (H5N1) and A/Hong Kong/213/2003 (H5N1) (antiserum, Goat)

Catalog No. NR-10274

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 a goat with a plasmid encoding the HA gene from A/Vietnam/1203/2004 (H5N1)[1] followed by immunization with baculovirus-expressed HA proteins from both A/Vietnam/1203/2004 (H5N1)[2] and A/Hong Kong/213/2003 (H5N1).

Material Provided:

Each vial contains approximately 1 mL of goat polyclonal antiserum.

Packaging/Storage:

NR-10274 was packaged in sterile cryovials with an aluminum crimp seal. The product is provided frozen and should be stored at -20°C or colder immediately upon arrival. Storage at warmer temperatures is not recommended due to a low bioburden.

Functional Activity:

NR-10274 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. NR-10274 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) and A/Hong Kong/213/2003 (H5N1), (antiserum, Goat), NR-10274."

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.

Disclaimers:

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References:

1. Salomon, R., et al. "The Polymerase Complex Genes Contribute to the High Virulence of the Human H5N1 Influenza Virus Isolate A/Vietnam/1203/04." J. Exp. Med. 203 (2006): 689-697. PubMed: 16533883.
2. 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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