

Polyclonal Anti-Influenza Virus H6 Hemagglutinin (HA), A/teal/Hong Kong/W312/97 (H6N1), (antiserum, Goat)

Catalog No. NR-663

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Contributor and Manufacturer:

NIH - Influenza Pandemic Preparedness in Asia Program

Product Description:

Antiserum to the H6 hemagglutinin (HA) from influenza virus A/teal/Hong Kong/W312/97 (H6N1)^{1,2} was produced by immunization of goat with the recombinant protein.

Material Provided:

Each vial contains lyophilized (0.5 mL) goat polyclonal antiserum to the H6 HA from influenza virus A/teal/Hong Kong/W312/97 (H6N1).

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-663 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 refrozen.

Functional Activity:

NR-663 is specific to the H6 HA subtype of influenza virus as determined in serological hemagglutination inhibition (HI) assays. Within the H6 HA subtype, NR-663 is specific to Eurasian and California branch North American isolates based on HI and ELISA assays. Applications: HI, 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 H6 Hemagglutinin (HA), A/teal/Hong Kong/W312/97 (H6N1), (antiserum, Goat), NR-663."

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.

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References:

- Hoffmann, E., et al. "Characterization of the Influenza A Virus Gene Pool in Avian Species in Southern China: Was H6N1 a Derivative or a Precursor of H5N1?" J. Virol. 74 (2000): 6309–6315. PubMed: 10864640. GenBank: AF250479.
- Chin, P. S., et al. "Molecular Evolution of H6 Influenza Viruses from Poultry in Southeastern China: Prevalence of H6N1 Influenza Viruses Possessing Seven A/Hong Kong/156/97(H5N1)-Like Genes in Poultry." J. Virol. 76 (2002): 507–516. PubMed: 11752141.

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