Polyclonal Anti-Influenza Virus H5 Hemagglutinin (HA), A/Hong Kong/156/97 (H5N1) and A/Hong Kong/483/97 (H5N1), (antiserum, Sheep)

Catalog No. NR-665
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For research use only. Not for human use.

Contributor and Manufacturer:
NIH - Influenza Pandemic Preparedness in Asia Program

Product Description:
Antiserum to the H5 hemagglutinin (HA) from influenza virus A/Hong Kong/156/97 (H5N1) and A/Hong Kong/483/97 (H5N1) was produced by immunization of sheep with the recombinant protein.

Material Provided:
Each vial contains lyophilized (0.5 mL) sheep polyclonal antiserum to the H5 HA from influenza virus A/Hong Kong/156/97 (H5N1) and A/Hong Kong/483/97 (H5N1).

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-665 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 thawn at room temperature (preferred) or at 37°C and may be re-frozen.

Functional Activity:
NR-665 is specific to the H5 HA subtype of influenza virus as determined in serological hemagglutination inhibition (HI) assays, except for minor cross-reactivity with one H3 HA virus (A/New York/55/04). This antiserum was raised against two H5 HA proteins and demonstrates broad activity within the H5 HA subtype with viruses representing both American and Eurasian lineages 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 H5 Hemagglutinin (HA), A/Hong Kong/156/97 (H5N1) and A/Hong Kong/483/97 (H5N1), (antiserum, Sheep), NR-665.”

Biosafety Level: 1

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References:

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