

Polyclonal Anti-Influenza A Virus (H5N1) Hemagglutinin Peptide, Amino Terminus (NT), (Rabbit)

Catalog No. NR-2695

For research use only. Not for human use.

Contributor:

ProSci Incorporated and BEI Resources

Manufacturer:

ProSci Incorporated

Product Description:

Polyclonal antibody reactive with the hemagglutinin (HA) protein from H5N1 strains of avian influenza A virus was produced in rabbits. The antibody was raised against a synthetic peptide corresponding to 15 amino acids located near the amino terminus of the HA protein (GenPept: AAT76166) of the A/chicken/Jilin/9/2004 (H5N1) strain of influenza virus.^{1,2} The antibody was purified using a peptide affinity column. The synthetic peptide is available as BEI Resources NR-2701.

Material Provided:

Each vial contains approximately 50 to 100 µg of NR-2695 in phosphate buffered saline containing 0.02% sodium azide. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

Packaging/Storage:

NR-2695 is provided frozen and should be stored at -20°C immediately upon arrival and for long term storage. The product may be stored at 2°C to 8°C while in use. Note: During shipment, small volumes of antibody may become entrapped in the seal of the product vial. Prior to opening, the vial should be tapped gently on a hard surface or centrifuged to dislodge any liquid in the container's cap.

Functional Activity:

NR-2695 detects the HA protein from H5N1 strains of avian influenza A virus in standard ELISA assays. Optimal concentrations should be determined by the end user.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Polyclonal Anti-Influenza A Virus (H5N1) Hemagglutinin Peptide, Amino Terminus (NT), (Rabbit), NR-2695."

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.

Disclaimers:

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References:

1. Shortridge, K. F., et al. "Characterization of Avian H5N1 Influenza Viruses from Poultry in Hong Kong." *Virology* 252 (1998): 331-342. PubMed: 9878612.
2. Jin, K. S., et al. "Genetic Characterization of the Entire Genome of an H5N1 Subtype Avian Influenza Virus A/chicken/Jilin/9/2004." Unpublished. GenPept: AAT76166.

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