

Polyclonal Anti-Influenza A Virus H9 Hemagglutinin (HA), A/bat/Egypt/381OP/2017 (H9N2) (antiserum, Goat)

Catalog No. NR-51971

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 H9 hemagglutinin (HA) from influenza virus was produced by immunization of a goat with bromelain-released HA protein derived from recombinant influenza A/bat/Egypt/381OP/2017 (H9N2) × influenza A/Puerto Rico/8/1934 (H1N1) (6+2). Suitable applications for NR-51971 include hemagglutinin inhibition (HI) assays, western blot, ELISA, immunohistochemistry, immunoprecipitation and virus neutralization test.^{1,2}

Material Provided:

Each vial contains approximately 2.0 mL goat polyclonal antiserum, lyophilized.

Packaging/Storage:

NR-51971 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-51971 should be reconstituted with 1.0 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-51971 is specific to the H9 HA of influenza virus as determined in serological HI assays.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Polyclonal Anti-Influenza A Virus H9 Hemagglutinin (HA), A/bat/Egypt/381OP/2017 (H9N2) (antiserum, Goat), NR-51971."

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:

You are authorized to use this product for research use only. It is not intended for human use.

Use of this product is subject to the terms and conditions of the BEI Resources Material Transfer Agreement (MTA). The MTA is available on our Web site at www.beiresources.org.

While BEI Resources uses reasonable efforts to include accurate and up-to-date information on this product sheet, neither ATCC® nor the U.S. Government makes any warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. Neither ATCC® nor the U.S. Government warrants that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, use and disposal. ATCC® and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, the U.S. Government, ATCC®, their suppliers and contributors to BEI Resources are not liable for damages arising from the misidentification or misrepresentation of products.

Use Restrictions:

This material is distributed for internal research, non-commercial purposes only. This material, its product or its derivatives may not be distributed to third parties. Except as performed under a U.S. Government contract, individuals contemplating commercial use of the material, its products or its derivatives must contact the contributor to determine if a license is required. U.S. Government contractors may need a license before first commercial sale.

References:

1. Govorkova, E. A., Personal Communication.
2. Kandeil, A., et al., "Isolation and Characterization of a Distinct Influenza A Virus from Egyptian Bats." *J. Virol.* 93 (2019): e01059-18. PubMed: 30381492.

ATCC® is a trademark of the American Type Culture Collection.

