

**Panel of Rabbit Polyclonal Immunoglobulin G to Hantavirus Nucleocapsid Protein**

**Catalog No. NR-32850**

**For research use only. Not for human use.**

**Contributor:**

BEI Resources

**Manufacturer(s):**

University of New Mexico (sub-contracted to QED Bioscience, Inc.)

**Product Description:**

Polyclonal antisera to the nucleocapsid protein (NP) of four strains of hantavirus were produced by immunization of New Zealand white rabbits with NP in PBS buffer with Complete Freund's Adjuvant for the primary immunization, and with Incomplete Freund's Adjuvant for the subsequent immunizations. Immunoglobulin G (IgG) was purified from the antisera by protein G affinity chromatography. Additional information is available by accessing the Product Information Sheets and Certificates of Analysis of the individual components on the BEI Resources website.

Item Name	Item No.
Polyclonal Anti-Andes Virus, CHI-7913 NP (IgG, Rabbit)	NR-9673
Polyclonal Anti-Sin Nombre Virus, SN77734 NP (IgG, Rabbit)	NR-9674
Polyclonal Anti-Puumala Virus, P360 NP (IgG, Rabbit)	NR-9675
Polyclonal Anti-Hantaan Virus, 76-118 NP (IgG, Rabbit)	NR-12152

**Material Provided:**

Each vial contains approximately 10 mg in PBS buffer, pH 7.4 of each immunoglobulin preparation. No preservative has been added. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis for each lot or component.

**Packaging/Storage:**

The immunoglobulins are packaged aseptically in screw-capped plastic cryovials. The products are provided frozen and should be stored at -20°C or colder for prolonged storage. The products can be stored at 4°C for up to one year. Freeze-thaw cycles should be avoided. If slight turbidity occurs, clarify the serum by centrifugation before use.

**Functional Activity:**

Each immunoglobulin preparation is reactive with the NP of the homologous strain of hantavirus as determined by western blot and ELISA.

**Citation:**

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Panel of Rabbit Polyclonal Immunoglobulin G to Hantavirus Nucleocapsid Protein, NR-32850."

**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](http://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](http://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.

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

