Product Information Sheet for NR-32850

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.

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

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

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