

### **Polyclonal Anti-Hantaan Virus, 76-118 Nucleocapsid Protein (immunoglobulin G, Rabbit)**

**Catalog No. NR-12152**

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

**Contributor:**

NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH

**Product Description:**

Polyclonal antiserum to the nucleocapsid (N) protein of the 76-118 strain of Hantaan virus was produced by immunization of New Zealand white rabbits with Hantaan virus N protein in PBS buffer with Complete Freund's Adjuvant for the primary immunization and with Incomplete Freund's Adjuvant for the subsequent immunizations. Immunoglobulin G was purified from the antiserum by Protein G affinity chromatography.

**Material Provided:**

Each vial contains approximately 10 mg of NR-12152 in PBS buffer, pH 7.4. No preservative has been added. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

**Packaging/Storage:**

NR-12152 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -20°C or colder for prolonged storage. NR-12152 can be stored at 4°C for up to one year. Repeated freezing and thawing is not recommended. If slight turbidity occurs, clarify the serum by centrifugation before use.

**Functional Activity:**

NR-12152 is reactive with the N protein of the 76-118 strain of Hantaan virus (available as BEI Resources NR-12153) as determined by Western Blot and ELISA.

**Citation:**

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Polyclonal Anti-Hantaan Virus, 76-118 Nucleocapsid Protein (immunoglobulin G, Rabbit), NR-12152."

**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, 2007; see [www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm](http://www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm).

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**References:**

1. Schmaljohn, C. S., et. al. "Coding Strategy of the S Genome Segment of Hantaan Virus." Virology 155 (1986): 633-643. PubMed: 3024404.

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