

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

Catalog No. NR-12152

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 chromatography.

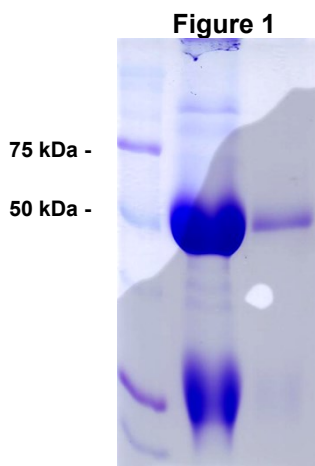
Lot¹: 58404289

Manufacturing Date: 23SEP2008

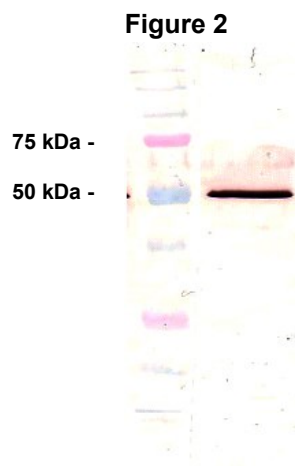
| TEST | SPECIFICATIONS | RESULTS |
|---|---|--|
| Identity and Purity by SDS-PAGE (Coomassie blue) | Correct MW for heavy and light chains > 95% pure | Correct MW for heavy and light chains > 95% pure (Figure 1) |
| Concentration by Spectrophotometer at OD₂₈₀ ($\epsilon_{280} = 1.41$) | Report results | 9.8 mg/mL |
| Functional Activity Western Blot with recombinant Hantaan virus N protein ² ELISA titer with recombinant Hantaan virus N protein ² | Reactive Report results | Reactive (Figure 2) > 1:8028160 |
| Sterility | 0.2 μ M filter-sterilized | 0.2 μ M filter-sterilized |

¹Produced, vialled and tested by the contractor.

²BEI Resources NR-12153



Lane 1: Molecular Weight Markers
 Lane 2: 39 μ g NR-12152
 Lane 3: 3.9 μ g NR-12152



Lane 1: Molecular Weight Markers
 Lane 2: ~ 50 μ g NR-12153

Date: 15 JUN 2009

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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