

Polyclonal Anti-Puumala virus, P360 Nucleocapsid (N) Protein (IgG, Rabbit)

Catalog No. NR-59202

Product Description:

Polyclonal antibodies to a recombinant form of the nucleocapsid (N) protein (C-terminal histidine-tagged) from Puumala virus P360 were produced in New Zealand white rabbits using BEI Resources NR-9671 lot 58169123. Due to small serum volumes, the ammonium sulfate precipitation was not performed, and the IgG was purified by protein A affinity chromatography.

Lot: 70065664

Manufacturing Date: 14MAY2024

| TEST | SPECIFICATIONS | RESULTS |
|---|---|--|
| Agilent® Protein 230 Analysis | Correct molecular weight (MW) for heavy and light chains Report purity | Correct molecular weight (MW) for heavy and light chains (Figure 1); 99.7% pure |
| Concentration by Spectrophotometer at OD ₂₈₀ | ~ 1 mg/mL | 1.12 mg/mL |
| Functional Activity ELISA ¹ | Report results | Reactive (Figure 2) |
| Sterility | 0.22 µm filter-sterilized | 0.22 µm filter-sterilized |

¹Using 10 µg/mL Puumala virus N protein (BEI Resources NR-9671), 1:200 to 1:204,800 dilution of NR-59202 and 1:10,000 dilution of the secondary goat anti-rabbit HRP conjugate. Control rabbit polyclonal serum was diluted 1:200 to 1:204,800 in buffer.

Figure 1: Agilent® Protein 230 Analysis

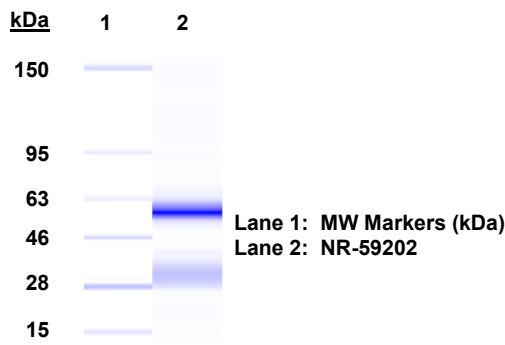
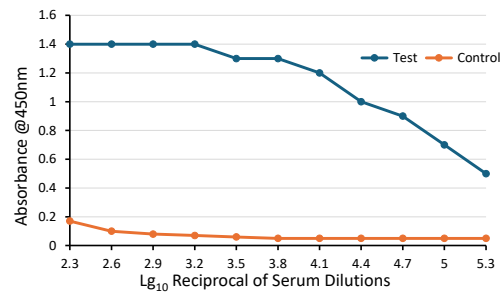


Figure 2: Indirect ELISA



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