

Panel of Rabbit Polyclonal Immunoglobulin G to Hantavirus Nucleocapsid Protein

Catalog No. NR-32850

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.

Lot: 70007086

NR-9673, Lot 58169127¹ (Anti-Andes Virus, CHI-7913 Nucleocapsid Protein; Manufactured 29JAN2009)

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
Concentration by Spectrophotometer at OD ₂₈₀ (ε ₂₈₀ = 1.41)	Report results	12.7 mg per mL
Functional Activity Western Blot with recombinant Andes virus N protein ² ELISA titer with recombinant Andes virus N protein ²	Reactive Report results	Reactive > 1:8028160
Sterility	0.2 µM filter-sterilized	0.2 µM filter-sterilized

¹Produced, vialled and tested by the contractor.

²BEI Resources NR-9669

NR-9674, Lot 58169129¹ (Anti-Sin Nombre Virus, SN77734 Nucleocapsid Protein; Manufactured 24SEP2008)

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
Concentration by Spectrophotometer at OD ₂₈₀ (ε ₂₈₀ = 1.41)	Report results	11.3 mg per mL
Functional Activity Western Blot with recombinant Sin Nombre virus N protein ² ELISA titer with recombinant Sin Nombre virus N protein ²	Reactive Report results	Reactive > 1:8028160
Sterility	0.2 µM filter-sterilized	0.2 µM filter-sterilized

¹Produced, vialled and tested by the contractor.

²BEI Resources NR-9670

Certificate of Analysis for NR-32850

NR-9675, Lot 58169131¹ (Anti-Puumala Virus, P360 Nucleocapsid Protein; Manufactured 24SEP2008)

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
Concentration by Spectrophotometer at OD₂₈₀ (ε₂₈₀ = 1.41)	Report results	10.5 mg per mL
Functional Activity Western Blot with recombinant Puumala virus N protein ² ELISA titer with recombinant Puumala virus N protein ²	Reactive Report results	Reactive > 1:409600
Sterility	0.2 µM filter-sterilized	0.2 µM filter-sterilized

¹Produced, vialled and tested by the contractor.

²BEI Resources NR-9671

NR-12152, Lot 58404289¹ (Anti-Hantaan Virus, 76-118 Nucleocapsid Protein; Manufactured 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
Concentration by Spectrophotometer at OD₂₈₀ (ε₂₈₀ = 1.41)	Report results	9.8 mg per 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 > 1:8028160
Sterility	0.2 µM filter-sterilized	0.2 µM filter-sterilized

¹Produced, vialled and tested by the contractor.

²BEI Resources NR-12153

Date: 26 JUL 2017

Signature:



BEI Resources Authentication

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