

Panel of Human Antiserum and Immune Globulin to Respiratory Syncytial Virus

Catalog No. NR-32832

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Contributor:

BEI Resources, National Institutes of Allergy and Infectious Diseases (NIAID) National Institutes of Health (NIH), and U.S. Food and Drug Administration

Manufacturers:

Wyeth Vaccines Research, Pearl River, NY, USA
Baxter S.A., Lessines, Belgium
BBI Solutions, Cardiff, UK

Product Description:

NR-32832 is a panel containing: 1) pooled human reference antiserum to respiratory syncytial virus (RSV)¹, 2) three pooled human control antiserum preparations of varying titers to RSV, 3) human reference immune globulin to RSV, prepared from pooled human plasma, and 4) human serum depleted of immunoglobulin G (IgG) for use as a negative control. Neutralization titers with RSV A2 have been reported in the literature for NR-4020 (Wyeth Lot 06594), NR-4021 (Wyeth Lot 06937) and NR-4022 (Wyeth Lot 06938).¹ Neutralization titers from 2011 with both RSV A2 and RSV B1 in the presence or absence of complement are shown on the Certificate of Analysis for NR-32832 or the individual products.

[NR-4020](#): Human Reference Antiserum to RSV

[NR-4021](#): Human Antiserum to RSV, High Control

[NR-4022](#): Human Antiserum to RSV, Medium Control

[NR-4023](#): Human Antiserum to RSV, Low Control

[NR-21973](#): Human Reference Immune Globulin to RSV

[NR-49447](#): Human IgG-Depleted Serum

Material Provided:

Each vial of NR-4020, NR-4021, NR-4022 and NR-4023 contains lyophilized antiserum (1 mL).

Each vial of NR-21973 contains approximately 2 mL of immune globulin (10%) in 0.25 M glycine (pH 4.6 to 5.1).

Note: Dilute NR-21973 1:10 to a final concentration of 1% immune globulin in sterile PBS (pH 7.4) prior to testing in virus neutralization assays.

Each vial of NR-49447 contains approximately 1 mL of natural human off-the-clot serum depleted of IgG.

Note: Lot No. 60549952, which is no longer available, did not contain NR-49447.

Packaging/Storage:

NR-32832 is provided frozen and should be stored at -20°C or colder immediately upon arrival. Once thawed, it may be stored at 4°C for short periods of time.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Panel of Human Antiserum and Immune Globulin to Respiratory Syncytial Virus, NR-32832."

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, 2009; see www.cdc.gov/biosafety/publications/bmb15/index.htm.

Universal Precautions should be used when handling biological materials derived from human sources, such as NR-32832.

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References:

1. Yang, D.P., et al. "Preparation of a Respiratory Syncytial Virus Human Reference Serum for Use in the Quantitation of Neutralization Antibody." Biologicals 35 (2007): 183-187. PubMed: 17241789.

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