

Polyclonal Anti-Human Parainfluenza Virus 2, Greer (antiserum, Guinea pig)

Catalog No. NR-3231

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Lot (NIAID Catalog) No. V-322-503-558

For research use only. Not for human use.

Contributor:

National Institutes of Allergy and Infectious Diseases (NIAID),
National Institutes of Health (NIH)

Product Description:

Reagent: Polyclonal antiserum

Host: Guinea pig

NIAID Class: Research Reference Reagent

Immunizing Antigen: V-322-001-020 (BEI Resources NR-3229); grown in Basal Medium Eagle with Earle's balanced salts, glutamine and antibiotics

Tissue Culture: African green monkey kidney

Immunizing Antigen Treatment: Centrifugation at 1000 rpm for 15 minutes at 4°C; sucrose added to 2.5%

Adjuvant: None

Material Provided/Storage:

Content: Lyophilized serum

Original Volume: 0.5 mL

Storage Temperature: 4°C

Functional Activity:

Serum Neutralization:

Conditions: African green monkey kidney

Pre-immunization Titer:

Human parainfluenza virus 2, Greer: $\leq 1:10$

Post-immunization Titer:

Human parainfluenza virus 2, Greer: 1:160 to 1:320

Human parainfluenza virus 1, C39: $\leq 1:10$

Human parainfluenza virus 3, NIH 47885: $\leq 1:10$

Bovine parainfluenza virus 3, SF-4: $\leq 1:10$

Human parainfluenza virus 4A, M-25: $\leq 1:10$

Human parainfluenza virus 4B, 19503: $\leq 1:10$

Simian virus 5, 21005-2WR: $\leq 1:10$

Sendai virus: $\leq 1:10$

Influenza A and B viruses: $\leq 1:10$

Respiratory syncytial virus: $\leq 1:10$

Measles, Mumps, New Castle Disease viruses: $\leq 1:10$

Complement Fixation:

Conditions: 1.6 to 1.8 units of activated complement (C'); one hour at 37°C

Pre-immunization Titer:

Human parainfluenza virus 2, Greer: $\leq 1:10$

Post-immunization Titer:

Human parainfluenza virus 2, Greer: 1:160

Human parainfluenza virus 1, C39: $\leq 1:10$

Human parainfluenza virus 3, NIH 47885: $\leq 1:10$

Bovine parainfluenza virus 3, SF-4: $\leq 1:10$

Human parainfluenza virus 4A, M-25: $\leq 1:10$

Human parainfluenza virus 4B, 19503: $\leq 1:10$

Simian virus 5, 21005-2WR: $\leq 1:10$

Sendai virus: $\leq 1:10$

Influenza A, B and C viruses: $\leq 1:10$

Respiratory syncytial virus: $\leq 1:10$

Measles, Mumps, New Castle Disease viruses: $\leq 1:10$

Hemagglutination Inhibition:

Conditions: Guinea pig red blood cells; 1 hour at room temperature

Pre-immunization Titer:

Human parainfluenza virus 2, Greer: $\leq 1:10$

Post-immunization Titer:

Human parainfluenza virus 2, Greer: 1:640

Human parainfluenza virus 1, C39: $\leq 1:10$

Human parainfluenza virus 3, NIH 47885: $\leq 1:10$

Bovine parainfluenza virus 3, SF-4: $\leq 1:10$

Simian virus 5, 21005-2WR: $\leq 1:10$

Sendai virus: $\leq 1:10$

Influenza A, B and C viruses: $\leq 1:10$

Measles, Mumps, New Castle Disease viruses: $\leq 1:10$

Date of Last Test: August, 1968

Purity:

Bacterial Sterility: Negative

Mycoplasma: Negative

Producer and Contract:

Flow Laboratories, PH-43-66-953

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-Human Parainfluenza Virus 2, Greer, (antiserum, Guinea pig), NR-3231."

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. 4th ed. Washington, DC: U.S. Government Printing Office, 1999. HHS Publication No. (CDC) 93-8395. This text is available online at www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm.

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