

### Polyclonal Anti-Human Parainfluenza Virus 4A, M-25 (antiserum, Guinea pig)

#### Catalog No. NR-3239

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#### Lot (NIAID Catalog) No. V-324-502-558

**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-324-001-010 (BEI Resources NR-3237)

Tissue Culture: African green monkey kidney

Maintenance Medium: Tissue culture media containing 0.5% lactal, 4% sorbitol, 4% N-Z amine and antibiotics

Immunizing Antigen Treatment: Centrifugation at 1000 rpm for 30 minutes

Adjuvant: None

#### Material Provided/Storage:

Content: Lyophilized serum

Original Volume: 1.0 mL

Storage Temperature: 4°C

#### Functional Activity:

##### Serum Neutralization:

Conditions: Rhesus monkey kidney

Pre-immunization Titer:

Human parainfluenza virus 4A, M-25: <1:10

Post-immunization Titer:

Human parainfluenza virus 4A, M-25: 1:320

Human parainfluenza virus 1, C39: <1:10

Human parainfluenza virus 2, Greer: <1:10

Human parainfluenza virus 3, NIH 47885: <1:10

Bovine parainfluenza virus 3, SF-4: <1:10

Human parainfluenza virus 4B, 19503: <1:10

Simian virus 5, 21005-2WR: <1:10

Sendai virus: <1:10

Influenza A and B viruses: <1:10

Respiratory syncytial virus: <1:10

Measles, Mumps, New Castle Disease viruses: <1:10

##### Complement Fixation:

Conditions: 1.7 units of activated complement (C'); one hour at 37°C

Pre-immunization Titer:

Human parainfluenza virus 4A, M-25: <1:10

Post-immunization Titer:

Human parainfluenza virus 4A, M-25: 1:320

Human parainfluenza virus 1, C39: 1:20

Human parainfluenza virus 2, Greer: 1:10

Human parainfluenza virus 3, NIH 47885: 1:10

Bovine parainfluenza virus 3, SF-4: 1:10

Human parainfluenza virus 4B, 19503: 1:80

Simian virus 5, 21005-2WR: <1:10

Sendai virus: <1:10

Influenza A, B and C viruses: <1:10

Respiratory syncytial virus: <1:10

Measles, Mumps, New Castle Disease viruses: <1:10

##### Hemagglutination Inhibition:

Conditions: Guinea pig red blood cells; 90 minutes at room temperature

Pre-immunization Titer:

Human parainfluenza virus 4A, M-25: <1:10

Post-immunization Titer:

Human parainfluenza virus 4A, M-25: 1:320

Human parainfluenza virus 1, C39: <1:10

Human parainfluenza virus 2, Greer: <1:10

Human parainfluenza virus 3, NIH 47885: <1:10

Bovine parainfluenza virus 3, SF-4: <1:10

Human parainfluenza virus 4B, 19503: 1:10

Simian virus 5, 21005-2WR: <1:10

Sendai virus: 1:10

Influenza A, B and C viruses: <1:10

Measles and New Castle Disease viruses: <1:10

Mumps: 1:10

Date of Last Test: September, 1971

#### Purity:

Bacterial Sterility: Negative

Mycoplasma: Negative

#### Producer and Contract:

Lederle Laboratories, NIH-69-2043

#### 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 4A, M-25, (antiserum, Guinea pig), NR-3239."

#### 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/bmb14/bmb14toc.htm](http://www.cdc.gov/od/ohs/biosfty/bmb14/bmb14toc.htm).

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