

## Polyclonal Anti- Measles Virus, Edmonston (antiserum, Guinea pig)

### Catalog No. NR-4024

This reagent is the property of the U.S. Government.

### Lot (NIAID Catalog) No. V-328-502-558

### 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

Tissue Culture: BS-C-1 cells

Immunizing Antigen: Measles virus, Edmonston, grown in  
0.5% lactal and 10% fetal bovine serum

Maintenance Medium: 0.5% lactal with streptomycin and  
neomycin

Immunizing Antigen Treatment: Two hydropulses

Adjuvant: None

**Note:** BEI Resources was asked to distribute this antiserum  
preparation from NIAID's historical repository. Recent  
characterization information is not yet available.

#### Material Provided/Storage:

Content: Lyophilized serum

Original Volume: 1.0 mL

Storage Temperature: 4°C

#### Functional Activity:

##### Serum Neutralization:

Conditions: BS-C-1 cells

Pre-immunization Titer:

Measles virus, Edmonston: <1:10

Post-immunization Titer:

Measles virus, Edmonston: 1:160

Human parainfluenza virus 1, C39: <1:10

Sendai virus: <1:10

Human parainfluenza virus 2, Greer: <1:10

Simian virus 5: <1:10

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

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

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

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

Mumps viruses: <1:10

Respiratory syncytial virus, Long: <1:10

New Castle Disease viruses: <1:10

Influenza B virus, B/Massachusetts/3/66: <1:10

##### Complement Fixation:

Conditions: 2 units of activated complement (C'); overnight  
at 5°C

Pre-immunization Titer:

Measles virus, Edmonston: <1:10

Post-immunization Titer:

Measles virus, Edmonston: 1:80

Sendai virus: <1:10

Human parainfluenza virus 2, Greer: <1:10

Simian virus 5: <1:10

Human parainfluenza virus 1, C39: <1:10

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

Mumps viruses: <1:10

Respiratory syncytial virus, Long: <1:10

New Castle Disease viruses: <1:10

Influenza A virus A/Hong Kong/68 (H3N2): <1:10

Influenza B virus, B/Massachusetts/3/66: <1:10

Influenza C virus, C/Taylor/1233/47: <1:10

Human parainfluenza virus 1, C39: 1:10

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

Human parainfluenza virus 4B, 19503: 1:20

##### Hemagglutination Inhibition:

Conditions: African green monkey kidney; 15 minutes at  
37°C

Pre-immunization Titer:

Measles virus, Edmonston: <1:10

Post-immunization Titer:

Measles virus Edmonston: 1:160

Human parainfluenza virus 1, C39: <1:10

Sendai virus: <1:10

Human parainfluenza virus 2, Greer: <1:10

Simian virus 5: <1:10

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

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

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

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

Mumps viruses: <1:10

New Castle Disease viruses

Influenza A virus A/Hong Kong/68 (H3N2): <1:10

Influenza B virus, B/Massachusetts/3/66: <1:10

Influenza C virus, C/Taylor/1233/47: <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-Measles Virus, Edmonston, (antiserum, Guinea pig), NR-4024."

**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, 2007; see [www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm](http://www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm).

**Disclaimers:**

You are authorized to use this product for research use only. It is not intended for human use.

Use of this product is subject to the terms and conditions of the BEI Resources Material Transfer Agreement (MTA). The MTA is available on our Web site at [www.beiresources.org](http://www.beiresources.org). While BEI Resources uses reasonable efforts to include accurate and up-to-date information on this product sheet, neither ATCC® nor the U.S. Government make any warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. Neither ATCC® nor the U.S. Government warrants that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, use and disposal. ATCC® and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, the U.S. Government, ATCC®, their suppliers and contributors to BEI Resources are not liable for damages arising from the misidentification or misrepresentation of products.

**Use Restrictions:**

**This material is distributed for internal research, non-commercial purposes only.** This material, its product or its derivatives may not be distributed to third parties. Except as performed under a U.S. Government contract, individuals contemplating commercial use of the material, its products or its derivatives must contact the contributor to determine if a license is required. U.S. Government contractors may need a license before first commercial sale.

ATCC® is a trademark of the American Type Culture Collection.

