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

Catalog No. NR-4024
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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% lactic and 10% fetal bovine serum
Maintenance Medium: 0.5% lactic 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 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

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