

Polyclonal Anti-Human Herpesvirus 1 (Herpes simplex virus 1), Mayo 1814 (antiserum, Guinea pig)

Catalog No. NR-4017

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Lot (NIAID Catalog) No. V-346-501-558

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

Immunizing Antigen: Human herpesvirus 1 (herpes simplex virus 1), Mayo 1814 (V-346-001-015)

Immunizing Antigen Treatment:

1. Formalin – final conc. 1:400
2. EDTA – final conc. 1:20,000
3. Merthiolate – final conc. 1:20,000

Adjuvant: None

Material Provided/Storage:

Content: Lyophilized serum

Original Volume: 0.5 mL

Storage Temperature: 4°C

Functional Activity:

Serum Neutralization:

Conditions: Rabbit kidney

TCID₅₀:¹ 2.4 X 10² per mL

Pre-Immunization Titer: <1:4

Post-Immunization Titer:

Human herpesvirus 1, Mayo 1814: 1:64

Human herpesvirus 1, HF: 1:128

Human herpesvirus 1, McIntyre: 1:128

Cercopithecine herpesvirus 1, E2490): 1:4 potentiated

Cercopithecine herpesvirus 1, Sabin: 1:4 potentiated

Date of Last Test: April, 1966

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

Purity:

Bacterial Sterility: Negative

Mycoplasma: Negative

Producer and Contract:

Eli Lilly and Company, PH-43-65-31

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 Herpesvirus 1, Mayo 1814,

(antiserum, Guinea pig), NR-4017."

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.

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References:

1. The Tissue Culture Infectious Dose 50% (TCID₅₀) endpoint is the 50% infectious endpoint in tissue culture. The TCID₅₀ is the dilution of virus that under the conditions of the assay can be expected to infect 50% of the cultures inoculated, just as a Lethal Dose 50% (LD₅₀) is expected to kill half of the animals exposed. A reciprocal of the dilution required to yield the TCID₅₀ provides a measure of the titer (or infectivity) of a virus preparation.

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