

Trivittatus Virus Hyperimmune Ascitic Fluid, 4124-48

Catalog No. NR-51461

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Lot No. 70030718

For research use only. Not for human use.

Contributor:

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

Manufacturer:

Centers for Disease Control (CDC) Interagency Agreement

Product Description:

Reagent: Hyperimmune ascitic fluid

NIAID Class: Research Reference Reagent

Production data:

Animal: Mouse

Control Ascitic Fluid: Trivittatus control mouse ascitic fluid
(V-522-401-562)

Immunizing Antigen: Trivittatus virus, 4124-48 (V-522-701-522) without protein stabilizers

Adjuvant or Other Reagents Used: Complete Freund's adjuvant, Sarcoma 180/TG

Material Provided:

Composition: Lyophilized mouse ascitic fluid

Volume: 1.0 mL

Packaging/Storage:

Packaging: Glass ampoule

Storage Temperature: 4°C or colder

Functional Activity:

Neutralization Index:

Test System: Suckling mouse

Neutralization Index: $\geq 4 \times 10^2$

Complement Fixation:

Conditions: 2 units of activated complement (C'); 30 minutes at 37°C

Titer: 128/64

Hemagglutination Inhibition:

Titer: 1:640

Date of Last Test: October 1974

Purity:

Complement Fixation Titer with Other Viruses:

Tahyna Virus: 16/256

Jamestown Canyon Virus: 8/16

Keystone Virus: 8/16

Melao Virus: 8/16

San Angelo Virus: 8/64

Snowshoe Hare Virus: 8/4

California Virus: 4/16

LaCrosse Virus: 4/64

Antigen 1-31: Negative

Antigen 33-104: Negative

Antigen 106-162: Negative

Antigen 164-181: Negative

Hemagglutination Inhibition:

Tahyna Virus: 1:20

California Virus: < 1:10

LaCrosse Virus: < 1:10

Melao Virus: < 1:10

Safety Test: No adventitious agents detected

Mouse Brain Antibody: Negative at 1:4

Murine Antibodies:

Minute virus of mice (MVM): 1:40

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Trivittatus Virus Hyperimmune Ascitic Fluid, 4124-48, NR-51461."

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, 2009; see www.cdc.gov/biosafety/publications/bmb15/index.htm.

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