

Human Parainfluenza Virus 3, NIH 47885

Catalog No. NR-3233

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Lot (NIAID catalog) No. V-323-002-020

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: Seed Virus

Virus Classification: *Paramyxoviridae, Respirovirus*

Agent: Human parainfluenza virus 3

Strain/Isolate: NIH 47885

NIAID Class: Research Reference Reagent

Donor: Dr. R. M. Chanock

Donor Passage History (# of passages):

Monkey kidney (2)

Egg (23)

Mouse (1)

Egg (1)

Mouse (1)

Egg (10)

Producer Passage History (# of passages):

African green monkey kidney (3)

Material Provided/Storage:

Composition: Tissue culture media with 4% sorbitol and 4%

N-Z amine

Volume: 1.0 mL

Storage Temperature: -60°C or colder

Functional Activity:

Infectivity:

Conditions: African green monkey kidney

TCID₅₀:¹ 3.2 X 10⁶ per mL

Date of Last Test: June, 1971

Purity:

Serum Neutralization Breakthrough: Negative

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: Human Parainfluenza Virus 3, NIH 47885, NR-3233."

Biosafety Level: 2

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/bmbl4/bmbl4toc.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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