Product Information Sheet for NR-51447

Rhinovirus 60, 2268-CV37

Catalog No. NR-51447

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

Lot (NIAID Catalog) No. V-150-002-021

For research use only. Not for human use.

Contributor:

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

Manufacturer:

Abbott Laboratories, under contract NIH-71-2114

Product Description:

Reagent: Seed Virus
Virus Classification: *Picornaviridae*, *Enterovirus*
Species: Rhinovirus 60
Strain/Isolate: 2268-CV37
Source: Ohio State X 183
NIAID Class: Research Reference Reagent
Donor Passage History (# of passages):
Human cervical carcinoma (HeLa) cells (5)
Producer Passage History (# of passages):
Human embryonic lung (WI-38) cells (5)
HeLa cells (2)

Material Provided:

Composition: HeLa cells infected with rhinovirus 60, 2268-CV37 in Medium 199
Volume: 1.0 mL

Packaging/Storage:

Packaging: Glass ampoule
Storage Temperature: -60°C or colder

Functional Activity:

Infectivity:
Conditions: WI-38 cells
$TCID_{50}$: 3.2×10^6 per mL
The Tissue Culture Infectious Dose 50% ($TCID_{50}$) endpoint is the 50% infectious endpoint in tissue culture. The $TCID_{50}$ 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% (LD_{50}) is expected to kill half of the animals exposed. A reciprocal of the dilution required to yield the $TCID_{50}$ provides a measure of the titer (or infectivity) of a virus preparation.
Date of Last Test: June 1977

Purity:

Serum Neutralization Breakthrough: Negative
Bacterial Sterility: Negative
Mycoplasma: Negative

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Rhinovirus 60, 2268-CV37, NR-51447."

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. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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