

Adenovirus 10, J.J.

Catalog No. NR-51435

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Lot (NIAID Catalog) No. V-210-003-514

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-60-2052

Product Description:

Reagent: Seed Virus

Virus Classification: *Adenoviridae, Mastadenovirus*

Species: Adenovirus 10

Strain/Isolate: J.J.

NIAID Class: Research Reference Reagent

Source: ATCC® VR-11™ (Lot 2)

Donor Passage History (# of passages):

Human oral epidermoid carcinoma (KB) cells (4?)

Producer Passage History (# of passages):

KB cells (5)

Material Provided:

Composition: Lyophilized, KB cells infected with adenovirus 10, J.J. in Minimum Essential Medium Eagle (MEM) with 2% Fetal Calf Serum (FCS), penicillin and neomycin stabilized with 5% dextran and 5% glucose.

Volume: 1.0 mL

Packaging/Storage:

Packaging: Glass ampoule

Storage Temperature: -60°C or colder

Functional Activity:

Infectivity:

Conditions: Human Embryonic Kidney (HEK) cells

TCID₅₀: 3.2 × 10⁵ per mL

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.

Date of Last Test: June 1977

Purity:

Serum Neutralization Breakthrough: Negative

Bacterial Sterility: Negative

Mycoplasma: Negative

Adeno-associated virus: Negative

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Adenovirus 10, J.J., NR-51435."

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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