

**Adenovirus 21, AV1645**

**Catalog No. NR-51436**

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**Lot (NIAID Catalog) No. V-221-011-514**

**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-69-2052

**Product Description:**

Reagent: Seed Virus

Virus Classification: *Adenoviridae, Mastadenovirus*

Species: Human mastadenovirus B

Strain/Isolate: AV1645

NIAID Class: Research Reference Reagent

Source: ATCC® VR-256™

Donor Passage History (# of passages):

Chang conjunctiva (Chang C) cells (Lot #1) (8)

Producer Passage History (# of passages):

Human oral epidermoid carcinoma (KB) cells (6)

**Material Provided:**

Composition: Lyophilized suspension of infected human oral epidermoid carcinoma/Minimum Essential Medium Eagle (MEM) with 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: -20°C or colder

**Functional Activity:**

Infectivity:

Conditions: Human embryo kidney (HEK) cells

TCID<sub>50</sub>: 2.5 × 10<sup>7</sup> per mL

The Tissue Culture Infectious Dose 50% (TCID<sub>50</sub>) endpoint is the 50% infectious endpoint in tissue culture. The TCID<sub>50</sub> 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<sub>50</sub>) is expected to kill half of the animals exposed. A reciprocal of the dilution required to yield the TCID<sub>50</sub> 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: Positive for *Mycoplasma hyorhinis*

Adeno-associated virus: Negative

**Citation:**

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Adenovirus 21, AV1645, NR-51436."

**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](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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