

**Taterapox Virus, V71-I-016**

**Catalog No. NR-49737**

**Product Description:**

Taterapox virus (TATV), V71-I-016 was originally isolated from an apparently healthy wild naked-soled gerbil (*Tatera kempii*, current valid taxonomy *Gerbilliscus kempii*) caught near Kouandé in Dahomey (now Benin), West Africa, on April 23, 1968. NR-49737 lot 70059853 was produced by infecting *Chlorocebus* (formerly *Cercopithecus*) *aethiops* kidney epithelial cells (BSC-40) and incubating in Dulbecco Modified Eagle Medium (ATCC® 30-2002™) supplemented with 2% fetal bovine serum (ATCC® 30-2020™) for 3 days at 37°C with 5% CO<sub>2</sub>.

**Passage History:**

Unknown

**Lot: 70059853**

**Manufacturing Date: 14APR2023**

TEST	SPECIFICATIONS	RESULTS
<b>Identification by Infectivity in BSC-40 Cells</b>	Cell rounding and detachment	Cell rounding and detachment
<b>Sequencing of Species-Specific Region</b> (~ 1020 nucleotides)	≥ 98% identity with TATV, V71-I-016 (GenBank: DQ437594)	100% identity with TATV, V71-I-016 (GenBank: DQ437594)
<b>Titer by TCID<sub>50</sub> Assay in BSC-40 Cells by Cytopathic Effect<sup>1</sup></b> (9 days at 37°C with 5% CO <sub>2</sub> )	Report results	8.9 × 10 <sup>7</sup> TCID <sub>50</sub> /mL
<b>Sterility (21-day incubation)</b> Harpo's HTYE broth, 37°C and 26°C, aerobic <sup>2</sup> Trypticase Soy broth, 37°C and 26°C, aerobic Sabouraud broth, 37°C and 26°C, aerobic Sheep blood agar, 37°C, aerobic Sheep blood agar, 37°C, anaerobic Thioglycollate broth, 37°C, anaerobic DMEM with 10% FBS, 37°C, aerobic	No growth No growth No growth No growth No growth No growth No growth	No growth No growth No growth No growth No growth No growth No growth
<b>Mycoplasma Contamination</b> Agar and broth culture (14-day incubation at 37°C) DNA detection by PCR of extracted Test Article nucleic acid	None detected None detected	None detected None detected

<sup>1</sup>The Tissue Culture Infectious Dose 50% (TCID<sub>50</sub>) endpoint is the 50% infectious endpoint in cell 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 culture vessels 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.

<sup>2</sup>Atlas, Ronald M. *Handbook of Microbiological Media*. 3rd ed. Ed. Lawrence C. Parks. Boca Raton: CRC Press, 2004, p. 798.

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