

**Genomic DNA from Taterapox Virus, V71-I-016**

**Catalog No. NR-50077**

**Product Description:** Genomic DNA was isolated from a preparation of cell lysate and supernatant from *Cercopithecus aethiops* kidney epithelial (BSC40)<sup>1</sup> infected with taterapox virus (TATV), V71-I-016.

**Lot<sup>2</sup>: 64347316**

**Manufacturing Date: 29JUN2016**

TEST	SPECIFICATIONS	RESULTS
<b>Sequencing of Species-Specific Region (982 nucleotides)</b>	Consistent with TATV  Consistent with NR-49737	100% identity with TATV, Dahomey 1968 (GenBank: DQ437594) Consistent with NR-49737
<b>Functional Activity by RT-PCR Amplification<sup>3</sup></b>	~ 1100 bp amplicon	~ 1100 bp amplicon (Figure 1)
<b>Total DNA Content by PicoGreen<sup>®</sup> Measurement (Viral and Cellular)</b>	Report results	0.7 ng per 100 µL
<b>Virus Inactivation</b> 10% of total yield inoculated on BSC40 cells <sup>1</sup> and evaluated for cytopathic effect <sup>4,5</sup>	No viable virus detected	No viable virus detected

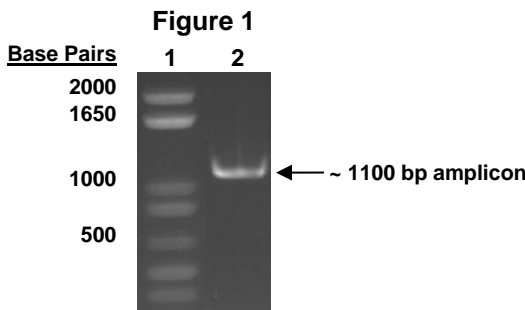
<sup>1</sup>BSC40 cells: ATCC<sup>®</sup> CRL-2761<sup>™</sup>

<sup>2</sup>Nucleic acid was extracted from a preparation of TATV, V71-I-016 (BEI Resources NR-49737, Lot 63965598) using a QIAamp<sup>®</sup> Viral RNA Mini Kit (Qiagen 52906).

<sup>3</sup>Amplified using iTaq<sup>™</sup> DNA Polymerase (Bio-Rad 170-8870) with 5 µL of NR-50077 in a 50 µL reaction

<sup>4</sup>7 days at 37°C and 5% CO<sub>2</sub>

<sup>5</sup>Use of the QIAamp<sup>®</sup> Viral RNA Mini Kit has been demonstrated to consistently inactivate 100% of taterapox viruses.



**Date:** 21 OCT 2016

**Signature:** *Michael Q. Gynther*

BEI Resources Authentication

ATCC<sup>®</sup>, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC<sup>®</sup>'s knowledge.

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