

Genomic DNA from Camelpox Virus, V78-I-2379

Catalog No. NR-50076

Product Description: Genomic DNA was isolated from a preparation of cell lysate and supernatant from *Cercopithecus aethiops* kidney epithelial (BSC40)¹ cells infected with Camelpox virus (CMLV), V78-I-2379.

Lot²: 64108452

Manufacturing Date: 16NOV2016

TEST	SPECIFICATIONS	RESULTS
Sequencing of Species-Specific Region (970 nucleotides)	Consistent with CMLV Consistent with NR-49736	Consistent with CMLV ³ Consistent with NR-49736
Functional Activity by RT-PCR Amplification ⁴	~ 1100 bp amplicon	~ 1100 bp amplicon (Figure 1)
Total DNA Content by PicoGreen [®] Measurement (Viral and Cellular)	Report results	63 ng per 100 µL
Virus Inactivation 10% of total yield inoculated on BSC40 cells ¹ and evaluated for cytopathic effect ^{5,6}	No viable virus detected	No viable virus detected

¹BSC40 cells: ATCC[®] CRL-2761[™]

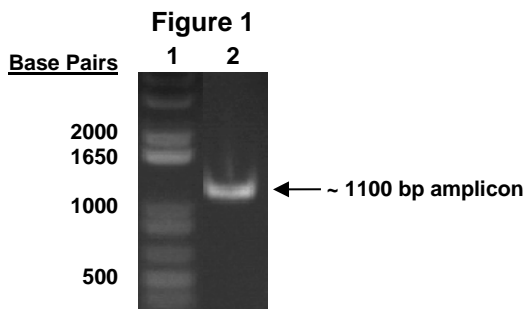
²Nucleic acid was extracted from a preparation of CMLV, V78-I-2379 (BEI Resources NR-49736 lot 64108450) using a QIAamp[®] Viral RNA Mini Kit (Qiagen 52906).

³Sequence information for CMLV, V78-I-2379 is not available in the NCBI database; nucleotide sequence obtained for NR-50076 lot 64108452 is ~ 99% identical to CMLV 0408151v (GenBank: KP768318), CMLV M-96 (GenBank: AF438165) and CMLV CMS (GenBank: AY009089).

⁴Amplified using iTaq[™] DNA Polymerase (Bio-Rad 170-8870) with 5 µL of NR-50076 in a 50 µL reaction.

⁵7 days at 37°C and 5% CO₂

⁶Use of the QIAamp[®] Viral RNA Mini Kit has been demonstrated to consistently inactivate 100% of Camelpox viruses.



Lane 1: Invitrogen[™] TrackIt[™] 1 Kb Plus DNA Ladder

Lane 2: NR-50076

Date: 02 JAN 2018

Signature:

BEI Resources Authentication

ATCC[®], 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[®]'s knowledge.

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