

## Genomic DNA from Vaccinia Virus, Lederle-Chorioallantoic

**Catalog No. NR-2637**

**Product Description:** Genomic DNA was isolated from a preparation of cell lysate and supernatant from African green monkey (MA-104 Clone 1) cells<sup>1</sup> infected with vaccinia virus, Lederle-Chorioallantoic.<sup>2</sup>

**Lot: 5075333**

**Manufacturing Date: 25FEB2006**

TEST	SPECIFICATIONS	RESULTS
<b>PCR Amplification of Genus-Specific Sequence<sup>3</sup></b>	<i>Orthopoxvirus</i>	<i>Orthopoxvirus</i>
<b>Quantitative PCR<sup>4</sup></b> Copies per vial Concentration	Report results Report results	~ 1.5 X 10 <sup>8</sup> ~ 1.5 X 10 <sup>8</sup> copies per 100 µL
<b>Functional Activity by PCR Amplification<sup>3</sup></b>	~ 2600 bp amplicon	~ 2600 bp amplicon (Figure 1)
<b>Total DNA Content by PicoGreen<sup>®</sup> Measurement (Viral and Cellular)</b>	Report results	29.2 ng per 100 µL
<b>Virus Inactivation</b> 10% of total yield inoculated on VERO C1008 (E6) cells <sup>5</sup> and evaluated for cytopathic effect; limit of detection is 0.01 plaque-forming units per vial	No viable virus detected	No viable virus detected
<b>Sodium Azide Content</b>	Report results	0.00028%

<sup>1</sup>MA-104 Clone 1 cells: ATCC<sup>®</sup> CRL-2378.1™.

<sup>2</sup>Vaccinia Virus, Lederle-Chorioallantoic: BEI Resources NR-53.

<sup>3</sup>Using TITANIUM™ Taq PCR Kit (Clontech 639210).

<sup>4</sup>NR-2637 is not intended for use as a standard for quantitative PCR.

<sup>5</sup>VERO C1008 (E6) cells: ATCC<sup>®</sup> CRL-1586™; 7 days 37°C and 5% CO<sub>2</sub> with media overlay.

**Date:** 08 OCT 2010

**Signature:** Signature on File

**Title:** Technical Manager, BEI Authentication or designee

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.

ATCC<sup>®</sup> is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.



Figure 1

