

## Genomic DNA from Vaccinia Virus, Western Reserve (Mouse adapted)

#### Catalog No. NR-2640

**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, Western Reserve (Mouse adapted).<sup>2</sup>

#### Lot: 5075336

### Manufacturing Date: 17FEB2006

TEST	SPECIFICATIONS	RESULTS
PCR Amplification of Genus-Specific Sequence <sup>3</sup>	Orthopoxvirus	Orthopoxvirus
Quantitative PCR <sup>4</sup> Copies per vial Concentration	Report results Report results	~ 5.1 X 10 <sup>7</sup> ~ 5.1 X 10 <sup>7</sup> copies per 100 μL
Functional Activity by PCR Amplification <sup>3</sup>	~ 2600 bp amplicon	~ 2600 bp amplicon (Figure 1)
Total DNA Content by PicoGreen <sup>®</sup> Measurement (Viral and Cellular)	Report results	2.8 ng per 100 µL
Virus Inactivation 10% of total yield inoculated on VERO C1008 (E6) cells <sup>5</sup> and evaluated for cytopathic effect; limit of detection is 0.001 plaque-forming units per vial	No viable virus detected	No viable virus detected
Sodium Azide Content	Report results	0.000055%

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

<sup>2</sup>Vaccinia Virus, Western Reserve (Mouse adapted): BEI Resources NR-56.

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

<sup>4</sup>NR-2640 is <u>not</u> intended for use as a standard for quantitative PCR.

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

Date: 10 DEC 2009

## Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

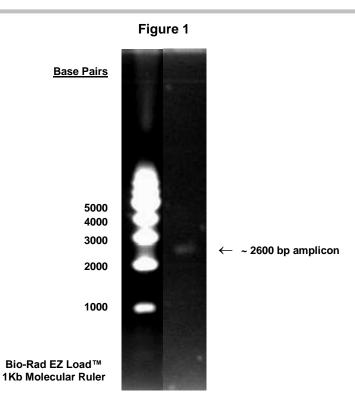
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# **Certificate of Analysis for NR-2640**



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