

Genomic DNA from Vaccinia Virus, New York City Board of Health (Wyeth, Calf adapted)

Catalog No. NR-2638

Product Description: Genomic DNA was isolated from a preparation of cell lysate and supernatant from African green monkey (MA-104 Clone 1) cells¹ infected with vaccinia virus, New York City Board of Health (Wyeth, Calf adapted).²

Lot: 5075334

Manufacturing Date: 17FEB2006

TEST	SPECIFICATIONS	RESULTS
PCR Amplification of Genus-Specific Sequence³	<i>Orthopoxvirus</i>	<i>Orthopoxvirus</i>
Quantitative PCR⁴ Copies per vial Concentration	Report results Report results	~ 1.8 X 10 ⁸ ~ 1.8 X 10 ⁸ copies per 100 µL
Functional Activity by PCR Amplification³	~ 2600 bp amplicon	~ 2600 bp amplicon (Figure 1)
Total DNA Content by PicoGreen[®] Measurement (Viral and Cellular)	Report results	26.4 ng per 100 µL
Virus Inactivation 10% of total yield inoculated on VERO C1008 (E6) cells ⁵ and evaluated for cytopathic effect; limit of detection is 0.01 plaque-forming units per vial	No viable virus detected	No viable virus detected
Sodium Azide Content	Report results	0.0003%

¹MA-104 Clone 1 cells: ATCC[®] CRL-2378.1[™].

²Vaccinia Virus, NYCBH (Wyeth, calf-adapted): BEI Resources NR-54.

³Using TITANIUM[™] Taq PCR Kit (Clontech 639210).

⁴NR-2638 is not intended for use as a standard for quantitative PCR.

⁵VERO C1008 (E6) cells: ATCC[®] CRL-1586[™]; 7 days 37°C and 5% CO₂ with media overlay.

Date: 10 DEC 2009

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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.

ATCC[®] 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

