

Genomic DNA from Vaccinia Virus, Modified Vaccinia Ankara (MVA)

Catalog No. NR-2634

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Product Description: Genomic DNA was isolated from a preparation of cell lysate and supernatant from hamster kidney (BHK-21) cells¹ infected with vaccinia virus, MVA.²

Lot: 5075330

Manufacturing Date: 06MAR2006

TEST	SPECIFICATIONS	RESULTS
PCR Amplification of Strain-Specific Sequence³	Vaccinia virus, MVA	Vaccinia virus, MVA
Quantitative PCR⁴ Copies per vial Concentration	Report results Report results	~ 5.6 X 10 ⁷ ~ 5.6 X 10 ⁷ copies per 100 µL
Functional Activity by PCR Amplification³	~ 1900 bp amplicon	~ 1900 bp amplicon (Figure 1)
Total DNA Content by PicoGreen® Measurement (Viral and Cellular)	Report results	26.7 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	0.00034%

¹BHK-21 cells: ATCC® CCL-10™.

²Vaccinia virus, MVA: BEI Resources NR-1.

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

⁴NR-2634 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

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Figure 1

