

Monkeypox Virus Hemagglutinin Gene-Specific Quantitative PCR Reverse Primer

Catalog No. NR-9349

This reagent is the tangible property of the U.S. Government.

Product Description: NR-9349 pairs with NR-9348 to amplify the monkeypox virus hemagglutinin (HA) gene.

Lot: 57972989

Manufacturing Date: 06SEP2007

| TEST | SPECIFICATIONS | RESULTS |
|--|------------------------------------|--------------------------------------|
| PCR Amplification and Sequencing¹ Amplicon size NCBI blast of sequence | ~190 bp Monkeypox virus HA gene | ~190 bp Monkeypox virus HA gene |
| Specificity | Report results | Monkeypox virus HA gene ² |
| Content (OD₂₆₀) | Report results | 0.190 |
| Content (µg) | Report results | 6.2 |
| Content (pmol) | Report results | 1000 |
| Concentration (µM) | Report results | 10 |

¹BEI Resources NR-4076 (Plasmid Containing Hemagglutinin Gene from Monkeypox Virus, Zaire 79, Linearized) was used as template and BEI Resources NR-9348 as the forward primer.

²The HA gene of monkeypox virus is preferentially detected over the HA gene of other orthopoxviruses and non-orthopoxviruses using the Monkeypox Virus Hemagglutinin Gene-Specific Assay Detection Kit (BEI Resources NR-9351).

Date: 27 FEB 2008

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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