

Monkeypox Virus Hemagglutinin Gene-Specific Quantitative PCR Forward Primer

Catalog No. NR-9348

Product Description: NR-9348 pairs with NR-9349 to amplify a sequence of approximately 190 nucleotides from the monkeypox virus hemagglutinin (HA) gene.

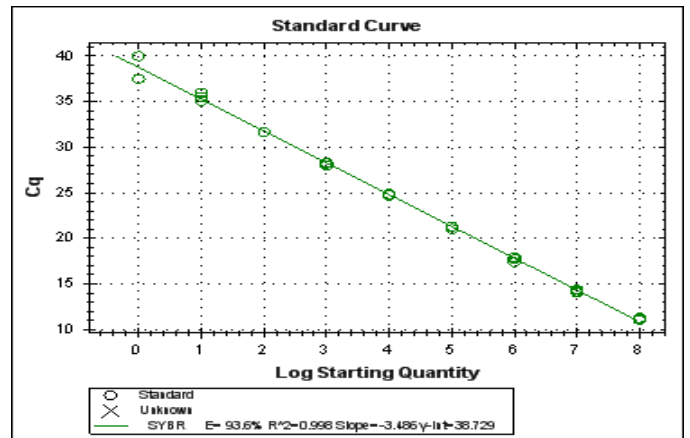
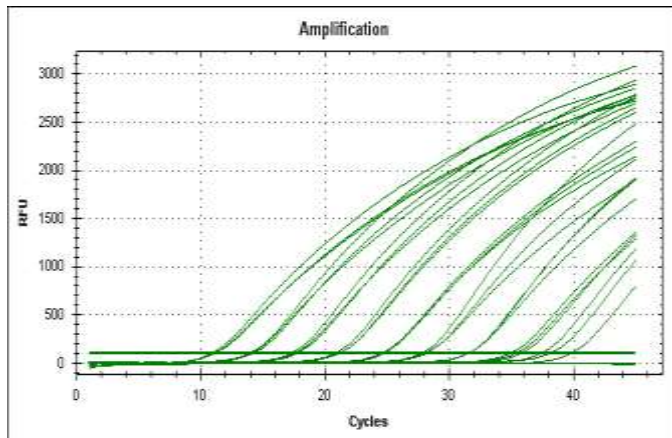
Lot: 60229999

Manufacturing Date: 04AUG2011

TEST	SPECIFICATIONS	RESULTS
Quantitative PCR – Representative Standard Curve¹ (Figure 1) Correlation coefficient PCR efficiency Dilution separations (C _t values) Quantitative sensitivity	~0.98 90% to 105% ~ 3.3 cycles Report results	~0.998 93.6% ~3.5 cycles Pending
Content (OD₂₆₀)	Report results	0.202
Content (µg)	Report results	6.2
Content (pmol)	Report results	1007.5
Concentration (µM)	Report results	10

¹BEI Resources NR-4076 (Plasmid Containing Hemagglutinin Gene from Monkeypox Virus, Zaire 79, Linearized) was used as template, BEI Resources NR-9349 as the reverse primer and BEI Resources NR-9347 as the probe.

Figure 1



Representative standard curve obtained with:
 BEI Resources NR-4076, Lot 7662479 (Plasmid Containing Hemagglutinin Gene from Monkeypox Virus Zaire 79, Linearized)
 BEI Resources NR-9347, Lot 60229973 (Monkeypox Virus Hemagglutinin Gene-Specific Quantitative PCR Probe)
 BEI Resources NR-9348, Lot 60229999 (Monkeypox Virus Hemagglutinin Gene-Specific Quantitative PCR Forward Primer)
 BEI Resources NR-9349, Lot 60230000 (Monkeypox Virus Hemagglutinin Gene-Specific Quantitative PCR Reverse Primer)

Date: 21 DEC 2011

Signature: *Dorothy C. Young*

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.

