

Poly(A)+ Messenger RNA from Adult *Schistosoma mansoni*, Strain PR-1

Catalog No. NR-48810

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Product Description: Poly(A)+ messenger RNA (mRNA) was isolated from adult *Schistosoma mansoni* (*S. mansoni*), strain PR-1.

Lot¹⁻³: 62763343

Manufacturing Date: 12JUN2014

TEST	SPECIFICATIONS	RESULTS
Concentration	Report results	0.025 µg/µL (0.625 µg in 25 µL per vial)
OD ₂₆₀ /OD ₂₈₀ Ratio	1.85 to 2.00	1.98
Qualification by RT-PCR Amplification of 28S ribosomal RNA gene ⁴	~ 290 base pair amplicon	~ 290 base pair amplicon (Figure 1)

¹QC testing was performed by the Biomedical Research Institute, Rockville, MD (NIH-NIAID Contract HHSN272201000005I)

²Total RNA was extracted by RNAzol[®] RT (Molecular Research Center, Inc.) according to the manufacturer's instructions.

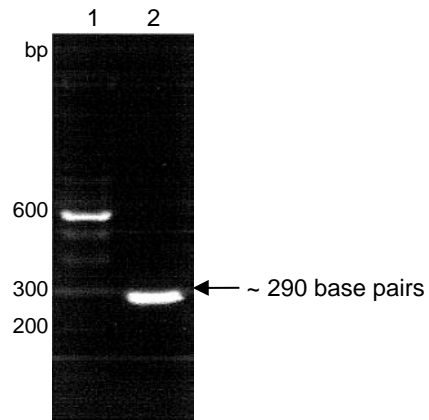
³mRNA was isolated by polyA Spin[™] mRNA Isolation Kit (New England BioLabs[®], Inc.) according to the manufacturer's instructions.

⁴Primers were designed to amplify the nucleotide region 39 to 326 of *S. mansoni* 28S ribosomal RNA gene (GenBank: Z46503.1). Cross-amplification of the 28S gene from other *Schistosoma* species has been observed.

Figure 1: Amplification of 28S Ribosomal RNA Gene for Qualification by RT-PCR

Lane 1: 100 base pair (bp) ladder

Lane 2: ~ 290 base pair amplicon from *S. mansoni* 28S ribosomal RNA gene



Date: 26 AUG 2014

Signature:

Title:

Technical Manager, BEI Authentication or designee

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