

Total RNA from Adult Female *Schistosoma haematobium*, Egyptian Strain

Catalog No. NR-45103

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Product Description: Total RNA was extracted from adult female *Schistosoma haematobium* (*S. haematobium*), Egyptian strain.

Lot¹⁻³: 62128111

Manufacturing Date: 13AUG2013

TEST	SPECIFICATIONS	RESULTS
Concentration	Report results	2 µg in 20 µL per vial (0.1 µg/µL)
OD ₂₆₀ /OD ₂₈₀ Ratio	1.85 to 2.00	2.00
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 HHSN2722010000051)

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

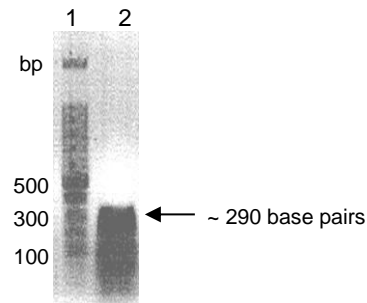
³*S. haematobium* was extracted from hamsters, infected for at least 42 days, by perfusion technique.

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 ladder

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



Date: 15 JAN 2014

Signature:

Title:

Technical Manager, BEI Authentication or designee

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