

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

Catalog No. NR-31801

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Product Description: Total RNA was extracted from pooled adult male and female *Schistosoma haematobium* (*S. haematobium*), Egyptian strain. Total RNA was collected from hamsters infected with *S. haematobium* cercariae for at least 45 days.

Lot^{1,2}: 61585380

Manufacturing Date: 17DEC2012

| TEST | SPECIFICATIONS | RESULTS |
|--|--------------------------|-------------------------------------|
| Concentration | Report results | 2 µg in 20 µL per vial (0.1 µg/µL) |
| OD ₂₆₀ /OD ₂₈₀ Ratio | Report results | 2.0 |
| Qualification by RT-PCR Amplification of 28S ribosomal RNA gene ³ | ~ 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)

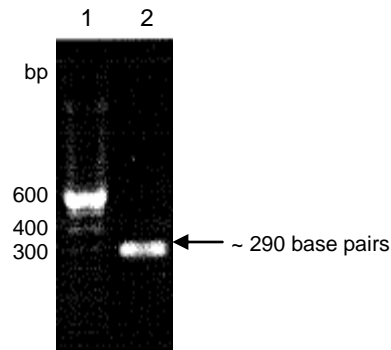
²Total RNA was extracted by RNAzol® RT (Molecular Research Center, Inc.) according to the manufacturer's instructions.

³Primers were designed to amplify the nucleotide region 39 to 326 of *Schistosoma mansoni* (*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: 23 JUL 2013

Signature:

Title:

Technical Manager, BEI Authentication or designee

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