

Total RNA from *Schistosoma mansoni*, Strain NMRI, Pooled Miracidia

Catalog No. NR-41320

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Product Description: Total RNA was extracted from *Schistosoma mansoni* (*S. mansoni*), strain NMRI, pooled miracidia. The miracidia were recovered from *S. mansoni* eggs in mice that had been infected with *S. mansoni* cercariae.

Lot^{1,2}: 121016-1

Manufacturing Date: 16OCT2012

TEST	SPECIFICATIONS	RESULTS
Concentration	Report results	1 µg in 20 µL per vial (0.05 µg/µL)
OD ₂₆₀ /OD ₂₈₀ Ratio	1.85 to 2.0	1.96
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)

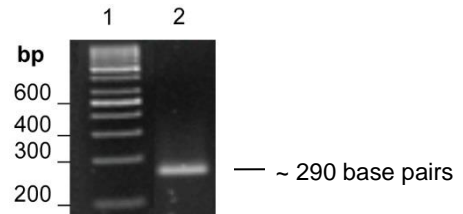
²Total RNA was extracted by RNAzol[®] RT (Molecular Research Center, Inc.) according to the manufacturer's instructions.

³Primers were designed to amplify the nucleotide region 39 to 326 of *S. mansoni* 28S ribosomal RNA gene (GenBank Z46503.1).

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: 01 NOV 2013

Signature:

Title: Technical Manager, BEI Authentication or designee

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