

Messenger RNA from *Schistosoma mansoni*, Strain NMRI, Cercariae

Catalog No. NR-42586

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Product Description: Messenger RNA (mRNA) was isolated from *Schistosoma mansoni* (*S. mansoni*), strain NMRI, cercariae. Cercariae were collected from *Biomphalaria glabrata* that had been infected with *S. mansoni*, strain NMRI, by the cercarial shedding technique.

Lot^{1,2}: 121022-4

Manufacturing Date: 22OCT2012

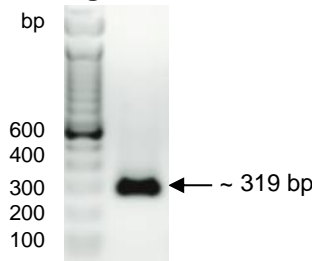
TEST	SPECIFICATIONS	RESULTS
Concentration	Report results	0.625 µg in 25 µL per vial (0.025 µg/µL)
OD ₂₆₀ /OD ₂₈₀ Ratio	1.85 to 2.00	1.98
Qualification by RT-PCR Amplification of protein disulfide isomerase (PDI) gene ³	~ 319 base pair amplicon	~ 319 base pair amplicon (Figure 1)

¹QC testing was performed by the Biomedical Research Institute, Rockville, MD (NIH-NIAID Contract HHSN2722010000051)

²mRNA was amplified from total RNA by SMART™ mRNA Amplification Kit (Clontech) according to the manufacturer's instructions.

³Primers were designed to amplify positions 41-359 of *S. mansoni* (PDI) gene (GenBank XM002576922.1).

Figure 1



Date: 14 MAR 2013

Signature:

Title: Technical Manager, BEI Authentication or designee

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