

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

**Catalog No. NR-42585**

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**Product Description:** Messenger RNA (mRNA) was isolated from pooled *Schistosoma mansoni* (*S. mansoni*), strain NMRI, miracidia. Miracidia were collected from eggs harvested from the livers of mice infected with *S. mansoni*, strain NMRI, cercariae.

**Lot<sup>1,2</sup>: 121022-3**

**Manufacturing Date: 22OCT2012**

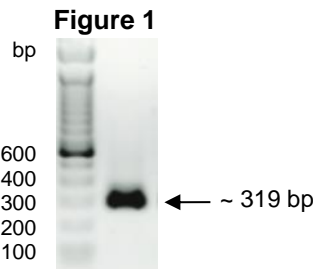
TEST	SPECIFICATIONS	RESULTS
Concentration	Report results	0.625 µg in 25 µL per vial (0.025 µg/µL)
OD <sub>260</sub> /OD <sub>280</sub> Ratio	1.85 to 2.00	1.93
Qualification by RT-PCR Amplification of protein disulfide isomerase (PDI) gene <sup>3</sup>	~ 319 base pair amplicon	~ 319 base pair amplicon (Figure 1)
Contamination from Mouse RNA by qPCR <sup>4</sup>	None Detected	None Detected

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

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

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

<sup>4</sup>This test confirms that no contamination occurred during egg collection from mouse genetic materials.



**Date:** 15 MAR 2013

**Signature:**

**Title:**

Technical Manager, BEI Authentication or designee

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