

**Messenger RNA from *Schistosoma japonicum*, Philippine Strain, Miracidia**

**Catalog No. NR-42587**

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**Product Description:** Messenger RNA (mRNA) was extracted from *Schistosoma japonicum* (*S. japonicum*), Philippine strain, miracidia. Miracidia were collected from the livers of mice that had been infected with *S. japonicum* cercariae.

**Lot<sup>1,2</sup>: 121023-1**

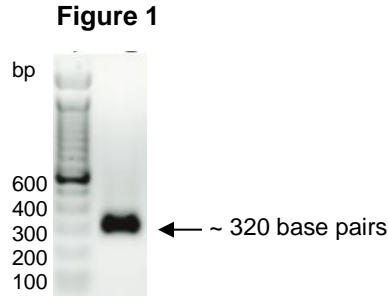
**Manufacturing Date: 22OCT2012**

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	1.98
Qualification by RT-PCR Amplification of protein disulfide isomerase (PDI) gene <sup>3</sup>	~ 320 base pair amplicon	~ 320 base pair amplicon (Figure 1)

<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 the nucleotide region 41 to 359 of *S. mansoni* (PDI) gene (GenBank XM002576922.1).



**Date:** 06 NOV 2013

**Signature:**

**Title:** Technical Manager, BEI Authentication or designee

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