

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

**Catalog No. NR-42585**

This reagent is the tangible property of the U.S. Government.

**Product Description:** NR-42585 is a preparation of messenger RNA (mRNA) 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>: 63725325**

**Manufacturing Date: 16JUL2015**

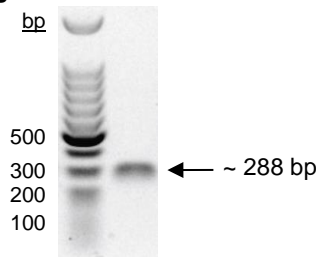
TEST	SPECIFICATIONS	RESULTS
Concentration	Report results	1.0 µg in 50 µL per vial (0.02 µg/µL)
OD <sub>260</sub> /OD <sub>280</sub> Ratio	1.85 to 2.00	2.0
Qualification by RT-PCR Amplification of 28S ribosomal RNA gene <sup>3</sup>	~ 288 base pair amplicon	~ 288 base pair amplicon (Figure 1)

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

<sup>2</sup>Messenger RNA was precipitated by RNAzol<sup>®</sup> RT (Molecular Research Center, Inc.) according to the manufacturer's instructions.

<sup>3</sup>Primers were designed to amplify positions 39-326 of the *S. mansoni* 28S ribosomal RNA gene (GenBank: Z46503.1).

**Figure 1: RT-PCR Gel**



**Date:** 25 NOV 2015

**Signature:**

BEI Resources Authentication

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