

Messenger RNA from *Schistosoma haematobium*, Egyptian Strain, Eggs

Catalog No. NR-42592

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Product Description: Messenger RNA (mRNA) was extracted from *Schistosoma haematobium* (*S. haematobium*), Egyptian strain, eggs. Eggs were collected from the livers of hamsters infected with *S. haematobium*, Egyptian strain, cercariae.

Lot^{1,2}: 121024-3

Manufacturing Date: 24OCT2012

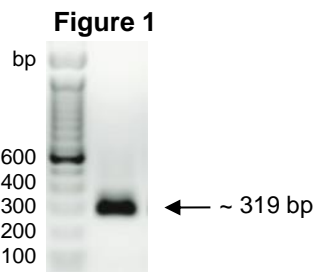
TEST	SPECIFICATIONS	RESULTS
Concentration	Report results	0.625 µg in 25 µL per vial (0.025 µg/µL)
OD₂₆₀/OD₂₈₀ Ratio	1.85 to 2.00	1.91
Qualification by RT-PCR Amplification of protein disulfide isomerase (PDI) gene ³	~ 319 base pair amplicon	~ 319 base pair amplicon (Figure 1)
Contamination from Hamster RNA by qPCR⁴	None Detected	None Detected

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

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).

⁴This test confirms that no contamination occurred during egg collection from hamster genetic materials.



Date: 28 AUG 2013

Signature:

Title:

Technical Manager, BEI Authentication or designee

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