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

**Catalog No. NR-42590**
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**Product Description:** Messenger RNA (mRNA) was isolated from *Schistosoma haematobium* (*S. haematobium*), Egyptian strain, cercariae. Cercariae were collected from *Bulinus* spp., that had been infected with *S. haematobium*, Egyptian strain, by the cercarial shedding technique.

**Lot¹²:** 121024-1  
**Manufacturing Date:** 22OCT2012

<table>
<thead>
<tr>
<th>TEST</th>
<th>SPECIFICATIONS</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Concentration</td>
<td>Report results</td>
<td>0.625 µg in 25 µL per vial (0.025 µg/µL)</td>
</tr>
<tr>
<td>$\text{OD}<em>{260}/\text{OD}</em>{280}$ Ratio</td>
<td>1.85 to 2.00</td>
<td>1.97</td>
</tr>
<tr>
<td>Qualification by RT-PCR</td>
<td>~ 319 base pair amplicon</td>
<td>~ 319 base pair amplicon (Figure 1)</td>
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</tbody>
</table>

¹QC testing was performed by the Biomedical Research Institute, Rockville, MD (NIH-NIAID Contract HHSN27220100000I)
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](image)

**Date:** 18 MAR 2013  
**Signature:** [Signature]

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

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