

Total RNA from *Biomphalaria glabrata*, Strain NMRI

Catalog No. NR-29369

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Product Description: Total RNA was extracted from the NMRI strain of *Biomphalaria glabrata* (*B. glabrata*). *B. glabrata*, strain NMRI is an albino snail that is highly susceptible to the NMRI strain of *Schistosoma mansoni*.

Lot^{1,2}: 70004296

Manufacturing Date: 16DEC2015

TEST	SPECIFICATIONS	RESULTS
Concentration	Report results	50 µg in 50 µL per vial (1.0 µg/µL)
OD ₂₆₀ /OD ₂₈₀ Ratio	1.85 to 2.00	2.0
Qualification by RT-PCR Amplification of myoglobin gene ³	~ 320 base pair amplicon	~ 320 base pair amplicon (Figure 1)

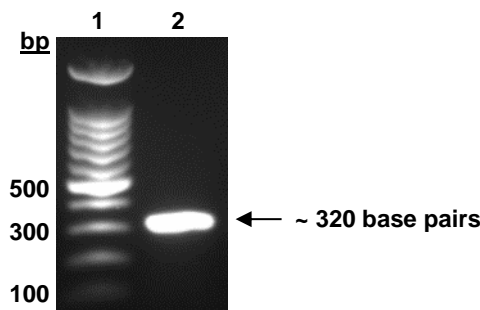
¹QC testing was performed by the Biomedical Research Institute, Rockville, Maryland (NIH-NIAID Contract HHSN272201000005I).

²Total RNA was extracted by RNeasy[®] RT (Molecular Research Center, Inc.) according to the manufacturer's instructions.

³Primers were designed to amplify a region of *B. glabrata* myoglobin gene (GenBank: U89283).

Figure 1: Amplification of Myoglobin Gene for Qualification by RT-PCR

Lane 1: 100 base pair ladder
Lane 2: ~ 320 base pair amplicon from *B. glabrata* myoglobin gene



Date: 18 JUL 2017

Signature:

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