

Total RNA from *Biomphalaria glabrata*, Strain NMRI

Catalog No. NR-29369

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

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

Lot^{1,2}: 10032012

Manufacturing Date: 21AUG2012

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	2.00
Qualification by RT-PCR Amplification of 28S ribosomal RNA gene ³	~ 320 base pair amplicon	~ 320 base pair amplicon (Figure 1)

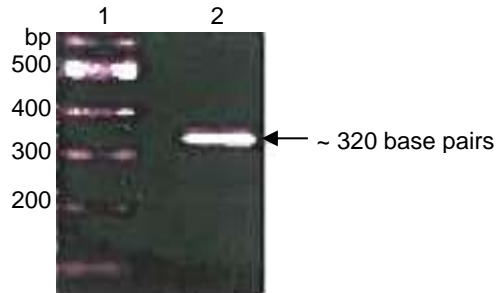
¹QC testing was performed by the Biomedical Research Institute, Rockville, MD (NIH-NIAID Contract HHSN2722010000051)

²Total RNA was extracted by RNAzol[®] 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: 20 JAN 2014

Signature:

Title:

Technical Manager, BEI Authentication or designee

ATCC[®], on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contributor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC[®]'s knowledge.

ATCC[®] is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

