

Complementary DNA from *Biomphalaria glabrata*, Strain NMRI

Catalog No. NR-44210

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Product Description: Complementary DNA (cDNA) was synthesized from RNA extracted from *Biomphalaria glabrata* (*B. glabrata*), strain NMRI.

Lot¹⁻³: 61895539

Manufacturing Date: 21MAY2013

TEST	SPECIFICATIONS	RESULTS
Concentration	Report results	0.5 µg in 20 µL per vial (0.025 µg/µL)
OD ₂₆₀ /OD ₂₈₀ Ratio	1.80 to 2.00	1.98
Qualification by RT-PCR Amplification of myoglobin gene ⁴	~ 190 base pair amplicon	~ 190 base pair amplicon (Figure 1)

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

²Snails were treated with 100 µg/mL ampicillin overnight to reduce rotifer and bacterial contamination

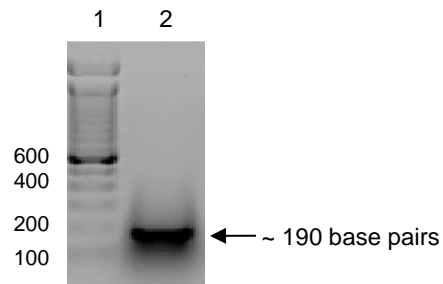
³cDNA was amplified from total RNA by SMART™ cDNA Synthesis Kit (Clontech) according to the manufacturer's instructions.

⁴Primers were designed to amplify the nucleotide region 108 to 296 of *B. glabrata* myoglobin gene (GenBank AY314976).

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

Lane 1: 100 base pair ladder

Lane 2: 190 base pair amplicon from *B. glabrata* myoglobin gene



Date: 18 OCT 2013

Signature:

Title:

Technical Manager, BEI Authentication or designee

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