

Total RNA from *Oncomelania hupensis* subsp. *hupensis*, Chinese Strain, Shanghai Isolate

Catalog No. NR-42577

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

Product Description: Total RNA was extracted from the Shanghai isolate of the Chinese strain of *Oncomelania hupensis* subsp. *hupensis*.

Lot^{1,2}: 63725323

Manufacturing Date: 16JUL2015

TEST	SPECIFICATIONS	RESULTS
Concentration	Report results	20 µg in 20 µL per vial (1 µg/µL)
OD ₂₆₀ /OD ₂₈₀ Ratio	1.85 to 2.00	2.0
Qualification by RT-PCR Amplification of myoglobin gene ³	~ 189 base pair amplicon	~ 189 base pair amplicon (Figure 1)

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

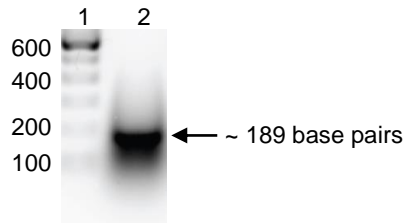
²Total RNA was extracted by RNAzol[®] RT (Molecular Research Center, Inc.) according to the manufacturer's instructions.

³Primers were designed to amplify 189 base pairs (positions 108-296) of the myoglobin gene of *Biomphalaria glabrata* (GenBank: AY314976).

Figure 1: Amplification of myoglobin gene for qualification by RT-PCR

Lane 1: 100 base pair ladder

Lane 2: 189 base pair amplicon



Date: 02 SEP 2016

Signature: 

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