

Total RNA from *Oncomelania hupensis* subsp. *quadrasi*, Philippine Strain

Catalog No. NR-48808

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

Product Description: NR-48808 is a preparation of total RNA extracted from *Oncomelania hupensis* (*O. hupensis*) subsp. *quadrasi*, Philippine strain.

Lot^{1,2}: 63725322

Manufacturing Date: 16JUL2015

TEST	SPECIFICATIONS	RESULTS
Concentration	Report results	50 µg in 50 µL per vial (1 µg/µL)
OD ₂₆₀ /OD ₂₈₀ Ratio	1.85 to 2.00	2.0
Qualification by RT-PCR Amplification of 16S Ribosomal RNA gene ³	~ 430 base pair amplicon	~ 430 base pair amplicon (Figure 1)

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

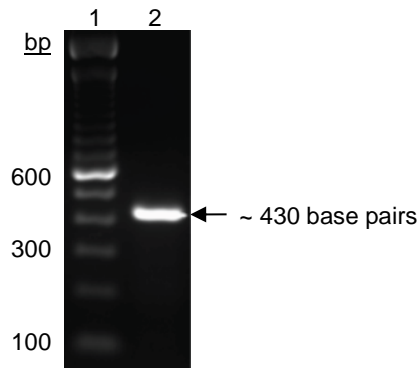
²Total RNA was extracted by RNAzol[®] RT (Molecular Research Center, Inc.) according to the manufacturer's instructions.

³Primers were designed to amplify positions 73-498 of the *O. hupensis* 16S ribosomal RNA gene (GenBank: DQ212901.1).

Figure 1: Amplification of 16S ribosomal RNA gene for qualification by RT-PCR.

Lane 1: 100 base pair ladder (Promega BenchTop)

Lane 2: NR-48808



Date: 28 MAR 2016

Signature:

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