

Total RNA from *Oncomelania hupensis* subsp. *quadrasii*, 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. *quadrasii*, Philippine strain.

Lot^{1,2}: 70004295

Manufacturing Date: 07MAR2016

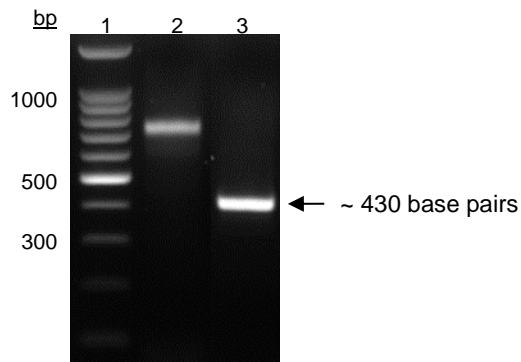
TEST	SPECIFICATIONS	RESULTS
Concentration	Report results	25 µg in 50 µL per vial (0.5 µg/µL)
OD ₂₆₀ /OD ₂₈₀ Ratio	1.85 to 2.00	1.89
Qualification by RT-PCR Amplification of 16S Ribosomal RNA gene ³	~ 430 base pair amplicon	~ 430 base pair amplicon (Figure 1)

¹QC testing was performed by the Biomedical Research Institute, Rockville, Maryland (NIH-NIAID Contract HHSN27220100005I).

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
 Lane 2: NR-48808 total RNA
 Lane 3: NR-48808 16S ribosomal RNA

Date: 13 JUL 2017

Signature:

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