

**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:** Total RNA was extracted from *Oncomelania hupensis* (*O. hupensis*) subsp. *quadrasi*, Philippine strain.

**Lot<sup>1,2</sup>: 62763341**

**Manufacturing Date: 02JUN2014**

TEST	SPECIFICATIONS	RESULTS
Concentration	Report results	50 µg in 50 µL per vial (1 µg/µL)
OD <sub>260</sub> /OD <sub>280</sub> Ratio	1.85 to 2.00	1.97
Qualification by RT-PCR Amplification of 16S Ribosomal RNA gene <sup>3</sup>	~ 430 base pair amplicon	~ 430 base pair amplicon (Figure 1)

<sup>1</sup>QC testing was performed by the Biomedical Research Institute, Rockville, MD (NIH-NIAID Contract HHSN272201000051)

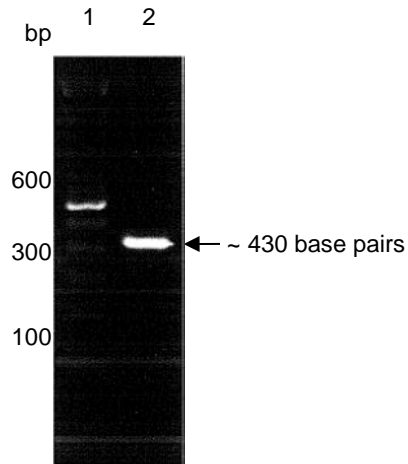
<sup>2</sup>Total RNA was extracted by RNAzol<sup>®</sup> RT (Molecular Research Center, Inc.) according to the manufacturer's instructions.

<sup>3</sup>Primers were designed to amplify the nucleotide region 73 to 498 of *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: ~ 430 base pair amplicon *O. hupensis* ribosomal RNA gene



**Date:** 06 AUG 2014

**Signature:**

**Title:** Technical Manager, BEI Authentication or designee

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