

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

Catalog No. NR-48808

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Contributor and Manufacturer:

Michael H. Hsieh, M.D., Ph.D., Stirewalt Endowed Director, Biomedical Research Institute, Rockville, Maryland, USA (NIH-NIAID Contract HHSN2722010000051)

Product Description:

NR-48808 is a preparation of total RNA extracted from *Oncomelania hupensis* (*O. hupensis*) subsp. *quadras*, Philippine strain.¹

O. hupensis subsp. *quadras* is a species of fresh water snail found in China and the Far East. It is an intermediate host of the *Schistosoma japonicum* (*S. japonicum*) trematode worm parasite. *S. japonicum* infection causes schistosomiasis in China and in areas with poor sanitation that lack access to safe drinking water.²

Material Provided:

Each vial of NR-48808 contains 1 µg to 50 µg of RNA in DNase/RNase-free distilled water. The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-48808 was packaged in cryovials. The product is provided frozen and should be stored at -70°C or colder upon arrival. Freeze-thaw cycles should be minimized. Dilute with nuclease-free water to protect RNA from degradation.

Citation:

Acknowledgment for publications should read “The following reagent was provided by the NIAID Schistosomiasis Resource Center for distribution through BEI Resources, NIAID, NIH: Total RNA from *Oncomelania hupensis* subsp. *quadras*, Philippine Strain, NR-48808.”

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories, 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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References:

1. Matthew S. Tucker, Head Schistosomiasis Laboratory and Principal Investigator, Biomedical Research Institute (prior to 2015), Personal Communication
2. Roberts, L. and G. D. Schmidt. Foundations of Parasitology, 7th ed. Dubuque, Iowa: Wm. C. Brown Publishers, 2005.

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