

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

### Catalog No. NR-42577

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#### Contributor and Manufacturer:

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#### Product Description:

Total RNA was extracted from the Shanghai isolate of the Chinese strain of *Oncomelania hupensis* (*O. hupensis*) subsp. *hupensis* which was originally isolated in Anhui province in China in 1977. It was brought to BRI in the mid-1990's.<sup>1</sup>

*O. hupensis* subsp. *hupensis* is a species of small tropical freshwater snail. It is found in China and the Far East, where it is the unique intermediate host of the *Schistosoma japonicum* (*S. japonicum*) trematode worm parasite. *S. japonicum* infection causes Schistosomiasis in humans.

#### Material Provided:

Each vial of NR-42577 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-42577 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. *hupensis*, Chinese Strain, Shanghai Isolate, NR-42577."

#### 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](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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#### References:

1. Matthew S. Tucker, Head Schistosomiasis Laboratory and Principal Investigator (prior to 2015), Biomedical Research Institute, Personal Communication.

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