

Total RNA from *Oncomelania hupensis* subsp. *nosophora*, Japanese Strain, Hosaka Isolate

Catalog No. NR-42581

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Contributor and Manufacturer:

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Product Description:

Total RNA was extracted from the Hosaka isolate of *Oncomelania hupensis* (*O. hupensis*) subsp. *nosophora*, Japanese strain. The Hosaka isolate is a small freshwater snail that is thought to have been initially collected in Kofu, Japan. Both the Hosaka and Waranya isolates are essentially from the same location and do not differ in parasite susceptibility.¹ *O. hupensis* subsp. *nosophora*, Japanese strain, is an intermediate host of *Schistosoma japonicum*, a species of trematode worm which causes the chronic parasitic disease Schistosomiasis.

Material Provided:

Each vial of NR-42581 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-42581 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 obtained through BEI Resources, NIAID, NIH: Total RNA from *Oncomelania hupensis* subsp. *nosophora*, Japanese Strain, Hosaka Isolate, NR-42581."

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.

Disclaimers:

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References:

1. M. S. Tucker, Personal Communication.

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