

**Genomic DNA from *Oncomelania hupensis* subsp. *hupensis*, Shanghai Strain****Catalog No. NR-41317**

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**For research use only. Not for human use.****Contributor and Manufacturer:**

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**Product Description:**

Genomic DNA was isolated from *Oncomelania hupensis* subsp. *hupensis*, Shanghai strain snails. *O. hupensis* subsp. *hupensis* is a small freshwater snail that was initially collected in Shanghai, China, in 1974 by Dr. Mao.<sup>1</sup> It is an intermediate host of *Schistosoma japonicum* (*S. japonicum*). *S. japonicum* is a species of trematode worm which causes the chronic parasitic disease Schistosomiasis.

**Material Provided:**

Each vial of NR-41317 contains 10 to 100 µg of genomic DNA in TE buffer (10 mM Tris-HCl and 0.1 mM EDTA, pH ~ 8.0). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

**Packaging/Storage:**

NR-41317 was packaged in cryovials. The product is provided frozen and should be stored at -20°C or colder upon arrival. Freeze-thaw cycles should be minimized.

**Citation:**

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Genomic DNA from *Oncomelania hupensis* subsp. *hupensis*, Shanghai Strain, NR-41317."

**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).

**Disclaimers:**

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**References:**

1. M. Knight, Personal Communication.

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