

Total RNA from *Biomphalaria glabrata*, Strain BB02

Catalog No. NR-43228

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For research use only. Not for human use.

Contributor and Manufacturer:

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Product Description:

Total RNA was extracted from *Biomphalaria glabrata* (*B. glabrata*), strain BB02. *B. glabrata* were collected from a small stream in an endemic site of transmission of *Schistosoma mansoni* (*S. mansoni*), in the southeast of Brazil, Barreiro, Minas Gerais.^{1,2} Offspring of these snails were maintained as a laboratory strain, designated as BB02 (*Biomphalaria* from Belo Horizonte, Minas Gerais, Brazil, 2002). *B. glabrata*, strain BB02 were found to be highly susceptible to parasitic infection by LE, SJ and NMRI strains of *S. mansoni*, a species of trematode worm which causes the chronic parasitic disease Schistosomiasis.¹

Material Provided:

Each vial of NR-43228 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-43228 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.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Total RNA from *Biomphalaria glabrata*, Strain BB02, NR-43228."

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. Adema, C. M., et al. "A Bacterial Artificial Chromosome Library for *Biomphalaria glabrata*, Intermediate Snail Host of *Schistosoma mansoni*." [Mem. Inst. Oswaldo Cruz](#). 101 (2006): 167-177. PubMed: 17308766.
2. [Biomphalaria glabrata Genome Initiative](#)

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