

## Genomic DNA from *Biomphalaria glabrata*, Strain M-Line

### Catalog No. NR-44209

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### For research use only. Not for human use.

#### Contributor and Manufacturer:

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#### Product Description:

Genomic DNA was extracted from *Biomphalaria glabrata* (*B. glabrata*), strain M-line. The M-line strain is descended from a cross between a *Schistosoma mansoni* (*S. mansoni*) resistant albino strain of *B. glabrata*, collected in Brazil, and a *S. mansoni* susceptible pigmented strain of *B. glabrata*, collected in Puerto Rico in 1944.<sup>1,2</sup> *S. mansoni* is a species of trematode worm which causes the chronic parasitic disease Schistosomiasis.

#### Material Provided:

Each vial of NR-44209 contains 10 µg to 50 µg of genomic DNA in TE buffer (10 mM Tris-HCl and 1 mM EDTA, pH ~ 8). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

#### Packaging/Storage:

NR-44209 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 provided by the NIAID Schistosomiasis Resource Center for distribution through BEI Resources, NIAID, NIH: Genomic DNA from *Biomphalaria glabrata*, Strain M-Line, NR-44209."

#### 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. Knight, M. et al. "*Schistosoma mansoni*: Use of a Cloned Ribosomal RNA Gene Probe to Detect Restriction Fragment Length Polymorphisms in the Intermediate Host *Biomphalaria glabrata*." [Experimental Parasitology](#). 73 (1991): 285-294. PubMed: 1680745.
2. M. S. Tucker, Personal Communication.

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