

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

### Catalog No. NR-44211

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

#### Contributor and Manufacturer:

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#### Product Description:

Complementary DNA (cDNA) was synthesized from RNA extracted from *Biomphalaria glabrata* (*B. glabrata*), strain M-line.

M-line strain, which 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</sup> *B. glabrata* is a tropical species of fresh water snail found in the Caribbean and Northern South America. It is an intermediate host of the *S. mansoni* trematode worm parasite. *S. mansoni* infection causes Schistosomiasis in humans.

#### Material Provided:

Each vial of NR-44211 contains approximately 0.5 µg of cDNA 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-44211 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: Complementary DNA from *Biomphalaria glabrata*, Strain M-Line, NR-44211."

#### 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. M. S. Tucker, Personal Communication.

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