

Complementary DNA from *Biomphalaria glabrata*, Strain NMRI

Catalog No. NR-44210

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Contributor and Manufacturer:

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Product Description:

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

B. glabrata, strain NMRI is an albino snail that is highly susceptible to the NMRI strain of *Schistosoma mansoni* (*S. mansoni*). It was derived from a cross between pigmented Puerto Rican (susceptible) snails and Newton's M-line snails.¹ *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-44210 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-44210 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 NMRI, NR-44210."

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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