Genomic DNA from *Biomphalaria glabrata*, Strain NMRI

**Catalog No. NR-29377**
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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 the NMRI strain of *Biomphalaria glabrata* (B. glabrata).¹ The *B. glabrata* NMRI strain is an albino snail that is highly susceptible to the NMRI strain of *Schistosoma mansoni* (S. mansoni). NMRI snails were derived from a cross between pigmented Puerto Rican (susceptible) snails and Newton’s M-line snails. *S. mansoni*, strain NMRI was isolated in the 1940s from *S. mansoni* eggs obtained from infected Puerto Rican school children.²

**Material Provided:**
Each vial of NR-29377 contains 10 µg to 50 µg of genomic DNA in TE buffer (10 mM Tris-HCl and 0.1 mM EDTA, pH ~ 8). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

**Packaging/Storage:**
NR-29377 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 NMRI, NR-29377.”

**Biosafety Level: 1**

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**References:**

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