Product Information Sheet for NR-29376

Genomic DNA from *Biomphalaria glabrata*, Strain BB02

Catalog No. NR-29376
This reagent is the tangible property of the U.S. Government.

For research use only. Not for human use.

Contributor and Manufacturer:
Matty Knight, Principal Investigator, Biomedical Research Institute, Rockville, MD (NIH-NIAID Contract HHSN272201000005I)

Product Description:
Genomic DNA was isolated from *Biomphalaria glabrata* (*B. glabrata*), strain BB02. *B. glabrata* snails 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. 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 snails 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.

Material Provided:
Each vial of NR-29376 contains 10 to 50 μg of genomic DNA in TE buffer (10 mM Tris-HCl and 1 mM EDTA, pH ~ 8.0). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

Packaging/Storage:
NR-29376 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: Genomic DNA from *Biomphalaria glabrata*, Strain BB02, NR-29376.”

Biosafety Level: 1

Disclaimers:
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References:
2. *Biomphalaria glabrata Genome Initiative*

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