Genomic DNA from Adult Male and Female Schistosoma mansoni, Strain PR-1

Catalog No. NR-43233
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Contributor and Manufacturer:
Biomedical Research Institute, Rockville, MD (NIH-NIAID Contract HHSN272201000051)

Product Description:
Genomic DNA was extracted from adult male and female Schistosoma mansoni (S. mansoni), strain PR-1.1 S. mansoni, strain PR-1 was collected in Arecibo, Puerto Rico, in 1950. It has been maintained in the M-line strain of Biomphalaria glabrata (B. glabrata). The M-line strain is descended from a cross between a 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 1944.2 S. mansoni is a species of trematode worm which causes the chronic parasitic disease Schistosomiasis.

Material Provided:
Each vial of NR-43233 contains 10 to 100 µg of genomic DNA in TE buffer (10 mM Tris-HCl and 0.1 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-43233 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 Adult Male and Female Schistosoma mansoni, Strain PR-1, NR-43233.”

Biosafety Level: 1

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References:

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