

Genomic DNA from Adult Male and Female *Schistosoma mansoni*, Strain NMRI

Catalog No. NR-28910

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Contributor and Manufacturer:

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Product Description:

Genomic DNA was extracted from pooled adult male and female *Schistosoma mansoni* (*S. mansoni*), strain NMRI.^{1,2} *S. mansoni*, strain NMRI was isolated in the 1940s from *S. mansoni* eggs obtained from infected Puerto Rican school children.³ *S. mansoni* is a species of trematode worm which causes the chronic parasitic disease Schistosomiasis.

Material Provided:

Each vial of NR-28910 contains 10 µg to 100 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-28910 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 NMRI, NR-28910."

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. Matthew S. Tucker, Head Schistosomiasis Laboratory and Principal Investigator (prior to 2015), Biomedical Research Institute, Personal Communication
2. Knight, M., et al. "*Schistosoma mansoni*: Use of a Cloned Ribosomal RNA Probe to Detect Restriction Fragment Length Polymorphisms in the Intermediate Host *Biomphalaria glabrata*." Exp. Parasit. 73 (1991): 285-294. PubMed: 1680745.
3. F. A. Lewis, Personal Communication.

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