

**Total RNA from *Schistosoma mansoni*, Strain PR-1, Eggs****Catalog No. NR-44218**

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**For research use only. Not for human use.****Contributor and Manufacturer:**

Matthew S. Tucker, Head Schistosomiasis Laboratory and Principal Investigator, Biomedical Research Institute, Rockville, MD (NIH-NIAID Contract HHSN272201000005I)

**Product Description:**

Total RNA extracted from *Schistosoma mansoni* (*S. mansoni*), strain PR-1, eggs. Eggs were collected from mice infected with *S. mansoni*, strain PR-1.<sup>1</sup>

*S. mansoni*, strain PR-1 was originally isolated from infected snails in Arecibo, Puerto Rico in 1950. Strain PR-1 was maintained by NIAID/NIH until 1978, when it was brought to the Biomedical Research Institute.<sup>2</sup> *S. mansoni* is a species of trematode worm which causes the chronic parasitic disease Schistosomiasis.

**Material Provided:**

Each vial of NR-44218 contains approximately 0.5 µg of RNA 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-44218 was packaged in cryovials. The product is provided frozen and should be stored at -70°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: Total RNA from *Schistosoma mansoni*, Strain PR-1, Eggs, NR-44218."

**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](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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**References:**

1. M. S. Tucker, Personal Communication
2. Lewis, F. A., et. al. "Large-Scale Laboratory Maintenance of *Schistosoma mansoni*, with Observations on Three Schistosome/Snail Host Combinations." *J. Parasitol.* 72 (1986): 813-829. PubMed: 3546654.

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