

Total RNA from *Schistosoma mansoni*, Strain NMRI, Eggs

Catalog No. NR-41318

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Contributor and Manufacturer:

Michael H. Hsieh, M.D., Ph.D., Stirewalt Endowed Director, Biomedical Research Institute, Rockville, Maryland, USA (NIH-NIAID Contract HHSN2722010000051)

Product Description:

Total RNA was isolated from *Schistosoma mansoni* (*S. mansoni*), strain NMRI, eggs. Eggs were collected, by the perfusion technique, from the livers of mice that had been infected with *S. mansoni*, strain NMRI, cercariae, for at least 45 days.¹

S. mansoni, strain NMRI was isolated in the 1940s from *S. mansoni* eggs obtained from infected Puerto Rican school children.² *S. mansoni* is a species of trematode worm which causes the chronic parasitic disease Schistosomiasis.

NR-41318 has been qualified for PCR applications by amplification of approximately 288 base pairs of the 28S ribosomal RNA gene.

Material Provided:

Each vial of NR-41318 contains 1 µg to 10 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-41318 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 NMRI, Eggs, NR-41318.”

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.

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References:

1. M. Knight, Principal Investigator, Biomedical Research Institute, Rockville, MD (before 2014). Personal Communication.
2. F. A. Lewis, personal communication

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