

## Poly(A)+ Messenger RNA from Adult *Schistosoma mansoni*, Strain PR-1

### Catalog No. NR-48810

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### For research use only. Not for human use.

#### Contributor and Manufacturer:

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#### Product Description:

Poly(A)+ messenger RNA (mRNA) was isolated from adult *Schistosoma mansoni* (*S. mansoni*), strain PR-1.<sup>1</sup> Total RNA was extracted by RNeasy<sup>®</sup> RT (Molecular Research Center, Inc.) and mRNA was isolated from the total RNA utilizing a polyA Spin<sup>™</sup> mRNA Isolation Kit (New England BioLabs<sup>®</sup>, Inc.).

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

#### Material Provided:

Each vial of NR-48810 contains approximately 0.625 µg of mRNA 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-48810 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: Poly(A)+ Messenger RNA from Adult *Schistosoma mansoni*, Strain PR-1, NR-48810."

#### 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. Tucker, M.S., Personal Communication.

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