

**Total RNA from Adult Male and Female *Schistosoma japonicum*, Chinese Strain**

**Catalog No. NR-31800**

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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, Maryland, USA (NIH-NIAID Contract HHSN272201000005I)

**Product Description:**

Total RNA was extracted from pooled adult male and female *Schistosoma japonicum* (*S. japonicum*), Chinese strain. Total RNA was collected from mice infected with *S. japonicum* cercariae by perfusion technique.<sup>1</sup>

The Chinese strain of *S. japonicum* was originally isolated in 1928 from Anhui province in China. The laboratory stock of the Chinese strain of *S. japonicum* was later mixed with a second isolate from Anhui province in 1977 to produce the current Chinese strain.<sup>1</sup> *S. japonicum* is a species of trematode worm which causes the chronic parasitic disease Schistosomiasis.

**Material Provided:**

Each vial of NR-31800 contains 1 µg to 50 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-31800 was packaged in plastic vials. 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 Adult Male and Female *Schistosoma japonicum*, Chinese Strain, NR-31800.”

**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.

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