

Total RNA from *Schistosoma japonicum*, Chinese Strain, Eggs

Catalog No. NR-31802

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Contributor and Manufacturer:

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Product Description:

Total RNA was extracted from *Schistosoma japonicum* (*S. japonicum*), Chinese strain, eggs. The eggs were collected and pooled from mice infected with *S. japonicum* cercariae.¹

S. japonicum is a species of trematode worm which causes the chronic parasitic disease Schistosomiasis in China and the Far East, in areas with poor sanitation that lack access to safe drinking water. The Chinese strain of *S. japonicum* was originally isolated from Anhui Province, China, in 1928. The laboratory stock of the original Chinese strain of *S. japonicum* was later mixed with a second isolate from Anhui Province in 1977 to produce the current Chinese strain.¹

Material Provided:

Each vial of NR-31802 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-31802 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 *Schistosoma japonicum*, Chinese Strain, Eggs, NR-31802.”

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. Matthew S. Tucker, Head Schistosomiasis Laboratory and Principal Investigator (prior to 2015), Biomedical Research Institute, Personal Communication.

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