

Messenger RNA from *Schistosoma japonicum*, Philippine Strain, Miracidia

Catalog No. NR-42587

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Contributor and Manufacturer:

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Product Description:

Messenger RNA (mRNA) was extracted from *Schistosoma japonicum* (*S. japonicum*), Philippine strain, miracidia. Miracidia were collected from the livers of mice that had been infected with *S. japonicum* cercariae.¹

The Philippine strain of *S. japonicum* was originally isolated from Leyte, Philippines in 1969. The laboratory stock of the Philippine strain of *S. japonicum* was later mixed with an isolate provided by Dr. Sano, Hamamatsu University, Japan in 1977 to produce the current Philippine strain of *S. japonicum*.² *S. japonicum* is a species of trematode worm which causes the chronic parasitic disease Schistosomiasis.

Material Provided:

Each vial of NR-42587 contains approximately 625 ng 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-42587 was packaged in cryovials. The product is provided frozen and should be stored at -80°C or colder upon arrival. Freeze-thaw cycles should be minimized.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Messenger RNA from *Schistosoma japonicum*, Philippine Strain, Miracidia, NR-42587."

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.

Disclaimers:

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References:

1. M. S. Tucker, Personal Communication.
2. F. A. Lewis, Personal Communication.

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