

## Genomic DNA from Adult Male and Female *Schistosoma japonicum*, Philippine Strain

### Catalog No. NR-36068

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

#### Contributor and Manufacturer:

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#### Product Description:

Genomic DNA was extracted from pooled adult male and female *Schistosoma japonicum* (*S. japonicum*), Philippine strain.<sup>1</sup> The Philippine strain of *S. japonicum* was originally isolated from Leyte, Philippines in 1969 by Dr. Van der Schalie from the University of Michigan. 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*.<sup>2</sup> *S. japonicum* is a species of trematode worm which causes the chronic parasitic disease Schistosomiasis.

#### Material Provided:

Each vial of NR-36068 contains 10 µg to 100 µg of genomic DNA in TE buffer (10 mM Tris-HCl and 0.1 mM EDTA, pH ~ 8). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

#### Packaging/Storage:

NR-36068 was packaged in cryovials. The product is provided frozen and should be stored at -20°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: Genomic DNA from Adult Male and Female *Schistosoma japonicum*, Philippine Strain, NR-36068."

#### 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).

#### Disclaimers:

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#### References:

1. Knight, M., et al. "*Schistosoma mansoni*: Use of a Cloned Ribosomal RNA Gene Probe to Detect Restriction Fragment Length Polymorphisms in the Intermediate Host *Biomphalaria glabrata*." Exp. Parasitol. 73 (1991): 285-294. PubMed: 1680745.
2. M. S. Tucker, Personal Communication.

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