Product Information Sheet for NR-42589

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

**Catalog No. NR-42589**

This reagent is the tangible property of the U.S. Government.

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

**Contributor and Manufacturer:**

Matty Knight, Principal Investigator, Biomedical Research Institute, Rockville, MD (NIH-NIAID Contract HHSN27220100005i)

**Product Description:**

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

The Philippine strain of *Schistosoma japonicum* (*S. japonicum*) was 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-42589 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-42589 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 obtained through BEI Resources, NIAID, NIH: Messenger RNA from *Schistosoma japonicum*, Philippine Strain, Eggs, NR-42589.”

**Biosafety Level: 1**


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**References:**

1. M. Knight, personal communication

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