

Messenger RNA from *Schistosoma haematobium*, Egyptian Strain, Cercariae**Catalog No. NR-42590****For research use only. Not for human use.**

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

Contributor and Manufacturer:

Matty Knight, Principal Investigator, Biomedical Research Institute, Rockville, MD (NIH-NIAID Contract HHSN2722010000051)

Product Description:

Messenger RNA (mRNA) was isolated from *Schistosoma haematobium* (*S. haematobium*), Egyptian strain, cercariae. Cercariae were collected from *Bulinus spp.*, that had been infected with *S. haematobium*, Egyptian strain, by the cercarial shedding technique.¹

The Egyptian strain of *S. haematobium* was originally isolated circa 1950 from an unknown location in Egypt. The laboratory stock of the Egyptian strain of *S. haematobium* was later mixed with an isolate that was thought to be obtained from Abrawash (Cairo) by the Naval Medical Research Unit III, in 1977, to produce the current Egyptian strain of *S. haematobium*.¹ *S. haematobium* is a species of trematode worm which causes the chronic parasitic disease Schistosomiasis.

Material Provided:

Each vial of NR-42590 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-42590 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 haematobium*, Egyptian Strain, Cercariae, NR-42590."

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. Matty Knight, personal communication
2. F. A. Lewis, personal communication

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