**Product Information Sheet for NR-48859**

**Oligo(dT) Generated Complementary DNA from Schistosoma haematobium, Egyptian Strain, Eggs**

**Catalog No. NR-48859**
This reagent is the tangible property of the U.S. Government.

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

**Contributor and Manufacturer:**
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**Product Description:**
Complementary DNA (cDNA) was synthesized from total RNA extracted from *Schistosoma haematobium* (*S. haematobium*), Egyptian strain, eggs, using the ProtoScript® II First Strand cDNA Synthesis Kit (New England BioLabs®). The kit provides an anchored oligo-[dT]₂₀VN primer which forces the primer to anneal to the beginning of the poly(A) tail increasing the yield of 3’ end poly(A)-primed cDNAs.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*.² *S. haematobium* is a species of trematode worm which causes the chronic parasitic disease Schistosomiasis.

**Material Provided:**
Each vial of NR-48859 contains approximately 1 µg of cDNA 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-48859 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 provided by the Schistosomiasis Resource Center for distribution by BEI Resources, NIAID, NIH: Oligo(dT) Generated Complementary DNA from Schistosoma haematobium, Egyptian Strain, Eggs, NR-48859.”

**Biosafety Level:** 1

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

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