Oligo(dT) Generated Complementary DNA from *Schistosoma japonicum*, Chinese Strain, Eggs

**Catalog No. NR-48861**
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**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 japonicum* (S. japonicum), Chinese strain, eggs, using the ProtoScript® II First Strand cDNA Synthesis Kit (New England BioLabs®). The kit provides an anchored oligo-[d(T)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 Chinese strain of *S. japonicum* was originally isolated in 1928 from Anhui province in China. The laboratory stock of the Chinese strain of *S. japonicum* was later mixed with a second isolate from Anhui province in 1977 to produce the current Chinese strain.² *S. japonicum* is a species of trematode worm which causes the chronic parasitic disease Schistosomiasis.

**Material Provided:**
Each vial of NR-48861 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-48861 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 NIAID Schistosomiasis Resource Center for distribution through BEI Resources, NIAID, NIH: Oligo(dT) Generated Complementary DNA from Schistosoma japonicum, Chinese Strain, Eggs, NR-48861.”

**Biosafety Level: 1**

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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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