

***Toxoplasma gondii*, Strain RH cDNA Library**

**Catalog No. ARP-1896**

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**Lot No. 99001**

**Manufacturing Date: Unknown; before 1998**

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

**Contributor:**

Division of AIDS (DAIDS), National Institute of Allergy and Infectious Diseases (NIAID), National Institutes of Health, Bethesda, Maryland, USA and Bruce K. Brown, Project Director, National Institutes of Health AIDS Reagent Program, Germantown, Maryland, USA

**Manufacturer:**

Bio-Technology General (Israel) Ltd., Kiryat Malachi, Israel

**Product Description:**

ARP-1896 is a lambda ( $\lambda$ ) ZAP II complementary DNA (cDNA) library prepared from tachyzoites from *Toxoplasma gondii* (*T. gondii*), strain RH (Dr. E. Pipano, Kimron Veterinary Institute, Israel) grown in Vero cells. Poly(A)<sup>+</sup> RNA was extracted and used for cDNA synthesis, cloned into the  $\lambda$  ZAP II bacteriophage expression system (Stratagene) as *EcoRI-XhoI* fragments. The frequency of the *T. gondii* p30 coding sequence is approximately 0.05%. The recommended bacterial host is *Escherichia coli* XL1-Blue or SURE (Stratagene).

**Material Provided:**

Each vial contains approximately 0.2 mL of phage, at a concentration of  $3 \times 10^{10}$  plaque-forming units per mL, in suspension medium with 7% dimethylsulfoxide (DMSO) over chloroform.

**Packaging/Storage:**

ARP-1896 was packaged aseptically in plastic cryovials. The product is provided frozen on dry ice and should be stored at -80°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

**Citation:**

Acknowledgment for publications should read "The following reagent was provided by the NIH AIDS Reagent Program for distribution by BEI Resources, NIAID, NIH: *Toxoplasma gondii*, Strain RH cDNA Library, ARP-1896, contributed by DAIDS, NIAID."

**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/bmb15/index.htm](http://www.cdc.gov/biosafety/publications/bmb15/index.htm).

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**References:**

1. Donald, R. G. and D. S. Roos. "Insertional Mutagenesis and Marker Rescue in a Protozoan Parasite: Cloning of the Uracil Phosphoribosyltransferase Locus from *Toxoplasma gondii*." Proc. Natl. Acad. Sci. USA 92 (1995): 5749-5753. PubMed: 7777580.

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