

***Toxoplasma gondii*, Strain RH(EP) Cosmid Library**

**Catalog No. ARP-2864**

**Lot No. 95044**

**Manufacturing Date: Unknown; before 1998**

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

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**Contributor:**

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**Manufacturer:**

David S. Roos, E. Otis Kendall Professor of Biology, Department of Biology, Perelman School of Medicine, University of Pennsylvania, Philadelphia, Pennsylvania, USA

**Product Description:**

ARP-2864 was prepared in cosmid vector SuperCos (Stratagene) using DNA from *Toxoplasma gondii*, strain RH(EP) (BEI Resources ARP-2859) and partially digested with *Mbol*. The partial *Mbol* digest was cloned into the vector *Bam*HI site, packaged using Gigapack Gold (Stratagene), and amplified as colonies in *Escherichia coli* NM544 cells according to the manufacturer's recommendations.

ARP-2864 contains approximately 3 × 10<sup>4</sup> independent recombinants, an average insert size of approximately 40 kilobase pairs, and 10,000 plaques, with a depth of coverage of approximately 5 genome equivalents.

**Material Provided:**

Each vial contains approximately 0.5 mL of transformed λ phage in suspension medium containing 7% dimethylsulfoxide (DMSO).

**Packaging/Storage:**

ARP-2864 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.

Note: Do not thaw vial. Scrape the surface of the frozen aliquot and disperse in ice cold suspension medium. After titration, return to this suspension (maintained at 4°C) to prepare appropriate dilutions.

**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(EP) Cosmid Library, ARP-2864, contributed by Dr. David S. Roos."

**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](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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**References:**

1. Roos, D. S., Personal Communication.

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