

***Toxoplasma gondii*, Strain P(LK) Lambda (λ) Phage Genomic Library**

Catalog No. ARP-2863

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

Lot No. 95043

Manufacturing Date: Unknown; before 1998

For research use only. Not for human use.

Contributor:

David S. Roos, E. Otis Kendall Professor of Biology, Department of Biology, Perelman School of Medicine, University of Pennsylvania, Philadelphia, Pennsylvania, USA and Bruce K. Brown, Project Director, National Institutes of Health AIDS Reagent Program, Germantown, Maryland, USA

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-2863 is a complementary DNA library prepared in a bacteriophage vector λDASH II (Stratagene) using DNA from *Toxoplasma gondii*, strain P(LK) (BEI Resources ARP-2858) and partially digested with *Sau3A*. The partial *Sau3A* digest was cloned into the vector *Bam*HI site, packaged using Gigapack Gold (Stratagene), and amplified as plate lysate in *Escherichia coli* XL1-Blue MRA(P2) cells according to the manufacturer's recommendations.

ARP-2863 contains approximately 6 × 10⁵ independent recombinants, an average insert size of approximately 15000 base pairs, and 30,000 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-2863 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 P(LK) Lambda (λ) Phage Genomic Library, ARP-2863, 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.

Disclaimers:

You are authorized to use this product for research use only. It is not intended for human use.

Use of this product is subject to the terms and conditions of the BEI Resources Material Transfer Agreement (MTA). The MTA is available on our Web site at www.beiresources.org.

While BEI Resources uses reasonable efforts to include accurate and up-to-date information on this product sheet, neither ATCC® nor the U.S. Government makes any warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. Neither ATCC® nor the U.S. Government warrants that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, use and disposal. ATCC® and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, the U.S. Government, ATCC®, their suppliers and contributors to BEI Resources are not liable for damages arising from the misidentification or misrepresentation of products.

Use Restrictions:

This material is distributed for internal research, non-commercial purposes only. This material, its product or its derivatives may not be distributed to third parties. Except as performed under a U.S. Government contract, individuals contemplating commercial use of the material, its products or its derivatives must contact the contributor to determine if a license is required. U.S. Government contractors may need a license before first commercial sale.

References:

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

ATCC® is a trademark of the American Type Culture Collection.

