Anopheles farauti, Strain FAR1, Frozen Kit (10 Male and 10 Female)

Catalog No. MRA-489K

For research use only. Not for human use.

Contributor and Manufacturer:

Mark Q. Benedict, Ph.D., Research Biologist, Entomology Branch, Division of Parasitic Diseases, National Center for Infectious Diseases (NCID), Centers for Disease Control and Prevention (CDC), Atlanta, Georgia, USA

Product Description:

Classification: *Diptera*, *Culicidae*, *Anopheles*
Species: *Anopheles farauti* (also referred to as *Anopheles farauti sensu stricto* or *Anopheles farauti* No. 1)
Strain: FAR1
Original Source: *Anopheles farauti* (*A. farauti*), strain FAR1 was field collected in 1967 by Dr. A. W. Sweeney in Rabaul, East New Britain Province, Papua, New Guinea.[1]
Comments: *A. farauti*, strain FAR1 was generously donated to CDC by William E. Collins. The complete genome of *A. farauti*, strain FAR1 has been sequenced (GenBank: AXCN00000000).
Applications: MRA-489K is suitable for DNA and RNA isolation, protein extraction, etc.

The FAR1 stock has been authenticated as *A. farauti* No. 1 based on the ITS2 sequence.[2]

Material Provided:

Each kit of MRA-489K contains 10 adult male and 10 adult female wild-type *A. farauti*, strain FAR1 mosquitoes, which were preserved in liquid nitrogen (quick-frozen) while alive. MRA-489K lot 3654183 is generation F44 of *A. farauti*, strain FAR1.

Packaging/Storage:

MRA-489K is prepared and shipped from CDC, Atlanta, GA USA. The product is provided frozen and should be stored at -80°C or colder immediately upon arrival.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: *Anopheles farauti*, Strain FAR1, Frozen Kit (10 Male and 10 Female), MRA-489K, contributed by Mark Q. Benedict."

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. Collins, W. E., Personal Communication.
2. Beebe, N. W. and A. Saul. "Discrimination of All Members of the *Anopheles punctulatus* Complex by Polymerase Chain Reaction-Restriction Fragment Length Polymorphism Analysis." Am. J. Trop. Med. Hyg. 53 (1995): 478-481. PubMed: 7485705.
3. Beebe, N. W., et al. "Differential Ecology of *Anopheles punctulatus* and Three Members of the *Anopheles farauti* Complex of Mosquitoes on Guadalcanal, Solomon Islands, Identified by PCR-RFLP Analysis." Med. Vet. Entomol. 14 (2000): 308-312. PubMed: 11016439.
4. Beebe, N. W., et al. "Populations of the South-West Pacific Malaria Vector *Anopheles farauti s.s.* Revealed by Ribosomal DNA Transcribed Spacer Polymorphisms." Heredity 84 (2000): 244-253. PubMed: 10762395.

BEI Resources
www.beiresources.org

E-mail: contact@beiresources.org
Tel: 800-359-7370
Fax: 703-365-2898