

**Genomic DNA from *Anopheles arabiensis*, Strain KGB**

**Catalog No. MRA-495**

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

**Contributor and Manufacturer:**

Centers for Disease Control and Prevention, Atlanta, Georgia, USA

**Product Description:**

Genomic DNA was extracted from a preparation of *Anopheles arabiensis* (*A. arabiensis*), strain KGB.

The *A. arabiensis*, strain KGB colony was originally established around 1975 in the Zambezi Valley of Kanyemba, Zimbabwe by Richard H. Hunt. *A. arabiensis*, strain KGB is polymorphic for 2Ra, 2Rb, 2Rc, and 3Ra and fixed for the inverted 2La.<sup>1</sup> According to donor, the KGB strain may contain a form of inversion 3Ra that also includes a lethal.<sup>1</sup> Recent karyotyping showed that the KGB stock was polymorphic for 2Ra and 2Rb and fixed for the inverted 2La.<sup>2</sup> Genotyping in 2011 found that the KGB stock is polymorphic for 2Rabc and 3Ra inversion.<sup>3</sup>

**Material Provided:**

Each vial of MRA-495 contains approximately 5 µg of genomic DNA in buffer. The vial should be centrifuged prior to opening.

**Packaging/Storage:**

MRA-495 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

**Citation:**

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Genomic DNA from *Anopheles arabiensis*, Strain KGB, MRA-495, contributed by the Centers for Disease Control and Prevention.”

**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).

**Disclaimers:**

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**References:**

1. Coetzee, M., Personal Communication.
2. Grushko, O., Personal Communication.
3. della Torre, A., Personal Communication.

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