

## Anopheles arabiensis, Strain KGB, Bulk Frozen

### Catalog No. MRA-495B

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**For research use only. Not for use in humans.**

#### Contributor and Manufacturer:

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#### Product Description:

Classification: Culicidae, *Anopheles*

Species: *Anopheles arabiensis*

Strain: KGB

Original Source: *Anopheles arabiensis* (*An. arabiensis*), strain KGB was isolated by Richard Hunt in approximately 1975 in the Zambezi Valley, Kanyemba, Zimbabwe.<sup>1</sup>

Comments: *An. arabiensis*, strain KGB was generously donated to CDC by Maureen Coetzee. According to the donor, the KGB strain may contain a form of inversion 3Ra that also includes a lethal allele.<sup>1</sup>

Applications: MRA-495B is suitable for DNA and RNA isolation, protein extraction, etc.

#### Material Provided:

Each tube of MRA-495B contains at least 100 adult male and female wild-type *An. arabiensis*, strain KGB mosquitoes, which were preserved in liquid nitrogen (quick-frozen) while alive.<sup>2</sup>

#### Packaging/Storage:

MRA-495B is prepared and shipped by CDC. 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 arabiensis*, Strain KGB, Bulk Frozen, MRA-495B, 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. 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see [www.cdc.gov/biosafety/publications/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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#### References:

1. Coetzee, M., Personal Communication.
2. For details on authentication methods used to confirm the identity of the *An. arabiensis* KGB stock, please refer to: [https://www.beiresources.org/portals/2/MR4/pdfs/anopheles/kgb\\_stock\\_auth\\_sheet.pdf](https://www.beiresources.org/portals/2/MR4/pdfs/anopheles/kgb_stock_auth_sheet.pdf).

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