

Anopheles gambiae, Strain MOPTI, Eggs

Catalog No. MRA-763

For research use only. Not for human use.

Contributor:

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Manufacturer:

Centers for Disease Control and Prevention (CDC), Atlanta, Georgia, USA

Product Description:

Classification: *Diptera, Culicidae, Anopheles*

Species: *Anopheles gambiae* (common name: African malaria mosquito) (The mosquito species complex *Anopheles gambiae* M form strains may also be referred to as *Anopheles coluzzii*, since a new species designation for these strains has been proposed.)¹

Strain: MOPTI

Original Source: The *Anopheles gambiae* (*A. gambiae*), strain MOPTI colony was established by Professor G. C. Lanzaro from adult females collected in the field in N'Gabacoro Droit, Mali (12°41'16"N, 7°50'20"W).²

Comments: *A. gambiae*, strain MOPTI is a wild-type stock. The laboratory of F. Collins has reported that this stock is polymorphic for a *u* inversion on the 2R chromosome.²

Material Provided:

MRA-763 contains a suitable number of eggs to establish a stock. Eggs are provided on damp filter paper and should be hatched immediately upon receipt.

Note: For information on hatching and establishing a stock of *A. gambiae* refer to [Methods in Anopheles Research](#).

Packaging/Storage:

MRA-763 is prepared and shipped by CDC. The product is provided at room temperature.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: *Anopheles gambiae*, Strain MOPTI, Eggs, MRA-763, contributed by Gregory C. Lanzaro."

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.

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References:

1. Coetzee, M., et al. "*Anopheles coluzzii* and *Anopheles amharicus*, New Members of the *Anopheles gambiae* complex." *Zootaxa* 3619 (2013): 246-274. PubMed: 26131476.
2. Lanzaro, G. C., Personal Communication.

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