Product Information Sheet for MRA-1027G

Genomic DNA from *Anopheles funestus*, Strain FUMOZ

Catalog No. MRA-1027G

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

For research use only. Not for use in humans.

Contributor:

Professor Maureen Coetzee, Director, Malaria Entomology Research Unit, National Institute for Communicable Diseases, South Africa

Manufacturer:

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

Product Description:

Genomic DNA was extracted from a preparation of *Anopheles funestus (An. funestus)*, strain FUMOZ.

This *An. funestus*, strain FUMOZ colony was established in 2001 from material collected in Matolo Province in southern Mozambique. Pyrethroid resistance is present in this colony even when not under selective pressure.[1] The complete genome of *An. funestus*, strain FUMOZ has been sequenced (GenBank: APCI00000000).

Material Provided:

Each vial of MRA-1027G lot 70074986 contains approximately 5 µg of genomic DNA in buffer. Each vial of MRA-1027G lot 70016562 contains approximately 1 µg of genomic DNA in buffer. The vial should be stored at -20°C or colder. Each vial of MRA-1027G lot 63383488 contains approximately 20 µg of genomic DNA as an ethanol precipitate (desiccated), and the recommended storage is 4°C; once reconstituted, it should be stored at -20°C or colder. The amount per vial, concentration and buffer composition are shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

Packaging/Storage:

MRA-1027G was packaged aseptically in 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 funestus*, Strain FUMOZ, MRA-1027G, contributed by Maureen Coetzee."

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 (BMBL). Current Edition. Washington, DC: U.S. Government Printing Office.

Disclaimers:

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References:

1. Hunt, R. H., et al. "Laboratory Selection for and Characteristics of Pyrethroid Resistance in the Malaria Vector *Anopheles funestus*." Med. Vet. Entomol. 19 (2005): 271-275. PubMed: 16134975.

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