



Product Information Sheet

MR4 No.:	MRA-132B
Description:	approx. 200 frozen adults of Anopheles gambiae G3 generation F70.
Packaged as:	tube containing approx. 200 adults
Upon Receipt:	Store at -80oC
Date Prepared:	02/17/2004

Stock established by unknown in 1975.

Origin: The Gambia

Synonyms:

Donor: The Anopheles gambiae G3 was generously donated by William E. Collins.

Stock history: Mark Q. Benedict<William E. Collins<Ross Inst., London School of Hygiene _Tropical Medicine

Stock genotype: wild type

Stock Notes:

G3 is a mongrel stock that has not been exhaustively defined and has no authentication standards that definitively distinguish it from several other 'wild' A. gambiae stocks. It is distributed 'as is' with accompanying authentication information. Its generally good vigor and 'wild', but polymorphic, nature are its chief virtues.

References:

Scott JA;Brogdon WG;Collins FH. Identification of single specimens of the Anopheles gambiae complex by the polymerase chain reaction. The American Journal of Tropical Medicine and Hygiene. 49: 520-529,1993.

Stock Authentication Method:

Identified to species according to morphologic criteria. Wild eye color, polymorphic at collarless. A sample of 100 individuals is 100% susceptible to dieldrin at 1 ppm for 1 hour in the fourth stage. rDNA IGS region, when PCR amplified with ribosomal DNA 28S 'universal' primer (GTGTGCCCTTCCTCGATGT) and an equimolar combination of A. gambiae- and A. arabiensis-specific primers (CTGGTTTGGTCGGCACGTTT and AAGTGTCTTCTCCATCCTA respectively), yields a fragment of 390 bp as determined by agarose gel electrophoresis (Scott et al.).

Standard Item Authentication Method:

Most recent G3 morphological authentication was performed on the F65 generation by MQB. 12 vials.

Most recent G3 molecular authentication was performed on the F69 generation by TKS.

BIOSAFETY LEVEL: 1

Appropriate safety procedures should always be used with this product. Detailed discussions on laboratory safety procedures are provided in the U.S. Government Publication Biosafety in Microbiological and Biomedical Laboratories, Centers for Disease Control and Prevention (1999), Human Health Services Publication No. (CDC) 93-8395. U.S. Dept. of Health and Human Services; 4th Edition U.S. Government Printing Office Washington D.C. This publication is also available in its entirety in the Centers for Disease Control and Prevention Office of Health and Safety's web site at <http://www.cdc.gov/od/ohs/biosfty/bmb14/bmb14toc.htm>.

MR4 replacement policy. MR4 shall replace reagent if the customer reports it was received damaged. Problem shipments must be reported within 30 days of receipt. Frozen shipments received thawed or damaged should be reported by the customer to the airline or freight forwarder upon receipt. MR4 is notified after a claim has been filed to arrange for another shipment.

FOR RESEARCH USE ONLY. NOT FOR USE IN HUMAN.

This product is sent with the condition that you are responsible for its safe storage, handling and use. MR4 is not liable for damages or injuries resulting from receipt and/or use of an MR4 product.