

Anopheles atroparvus, Strain EBRO, Frozen Kit (10 Male and 10 Female)

Catalog No. MRA-493K

For research use only. Not for human use.

Contributor and Manufacturer:

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Product Description:

Classification: *Diptera, Culicidae, Anopheles*

Species: *Anopheles atroparvus*

Strain: EBRO

Original Source: *Anopheles atroparvus* (*A. atroparvus*), strain EBRO was isolated in October 2001 in the Ebro River delta, Amposta village, Catalonia, Spain.¹

Comments: *A. atroparvus*, strain EBRO was generously donated to CDC by Carlos Aranda on behalf of the Consell Comarcal del Baix Llobregat and the Consorci de Serveis Agroambientals de les Comarques del Baix Ebre i Montsià (CODE).¹ The complete genome of *A. atroparvus*, strain EBRO has been sequenced (GenBank: [AXCP00000000](#)).

Applications: MRA-493K is suitable for DNA and RNA isolation, protein extraction, etc.

A. atroparvus, strain EBRO was identified to species according to local morphological criteria. The most recent morphological authentication was performed on the F25 generation of *A. atroparvus*, strain EBRO. The most recent molecular authentication was performed on the F20 generation of *A. atroparvus*, strain EBRO.

Material Provided:

Each kit of MRA-493K contains 10 adult male and 10 adult female wild-type *A. atroparvus*, strain EBRO mosquitoes, which were preserved in liquid nitrogen (quick-frozen) while alive. MRA-493K lot 4003019 is the F7 generation of *A. atroparvus*, strain EBRO.

Packaging/Storage:

MRA-493K is prepared and shipped from CDC, Atlanta, GA USA. 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 atroparvus*, Strain EBRO, Frozen Kit (10 Male and 10 Female), MRA-493K, 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](#). 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. Benedict, M. Q., Personal Communication.

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