Genomic DNA from *Aedes aegypti*, Strain LVP-IB12

Catalog No. MRA-735G

For research use only. Not for human use.

Contributor:
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Manufacturer:
Centers for Disease Control and Prevention, Atlanta, Georgia, USA

Product Description:
Genomic DNA was extracted from a preparation of *Aedes aegypti (Ae. aegypti)*, strain LVP-IB12.

Ae. aegypti, strain LVP-IB12 is an inbred substrain of *Ae. aegypti*, strain Liverpool, which is tolerant to inbreeding while maintaining relevant phenotypes.[1,2] The complete genome of *An. aegypti*, strain LVP-IB12 has been sequenced (GenBank: AAGE00000000).

Material Provided:
Each vial of MRA-735G contains approximately 1 µg of genomic DNA in buffer (10 mM Tris-HCl and 1 mM EDTA, pH 7 to 8). The concentration is shown on the Certificate of Analysis. The vial should be centrifuged prior to opening.

Note: In the past, MRA-735G has been supplied as a desiccated sample. Desiccated samples should be reconstituted in an appropriate buffer prior to use and stored at -20°C or colder.

Packaging/Storage:
MRA-735G was packaged aseptically in screw-capped plastic 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 *Aedes aegypti*, Strain LVP-IB12, MRA-735G, contributed by David W. Severson."

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.

Disclaimers:
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References:
1. Benedict, M. Q., Personal Communication.
2. Nene, V., et al. "Genome Sequence of *Aedes aegypti*, a Major Arbovirus Vector." Science 316 (2007): 1718-1723. PubMed: 17510324.

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