

Genomic DNA from *Plasmodium falciparum*, Strain Montagnard WR87

Catalog No. MRA-284G

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Contributor:

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Manufacturer:

BEI Resources

Product Description:

Genomic DNA was extracted from a preparation of *Plasmodium falciparum* (*P. falciparum*), strain Montagnard WR87.

P. falciparum, strain Montagnard WR87 is a clone derived from the Montagnard S-1 strain after passage in *Aotus* monkeys.¹ The parent Montagnard S-1 strain was isolated from the blood of a Vietnamese Montagnard refugee who had emigrated in 1992 to North Carolina.^{1,2} *P. falciparum*, strain Montagnard WR87 has been reported to be susceptible to atovaquone.³

MRA-284G has been qualified for PCR applications by amplification of approximately 900 base pairs of the merozoite surface protein 2 (MSP2) gene.

Material Provided:

Each vial of MRA-284G contains approximately 0.5 µg of genomic DNA at a concentration of 10 µg per mL in TE buffer (10 mM Tris-HCl and 0.5 mM EDTA, pH 9). The vial should be centrifuged prior to opening.

Packaging/Storage:

MRA-284G 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 *Plasmodium falciparum*, Strain Montagnard WR87, MRA-284G, contributed by Dennis E. Kyle."

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:

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