

Product Information Sheet for MRA-201G

Genomic DNA from *Plasmodium falciparum*, Strain D10

Catalog No. MRA-201G

For research use only. Not for use in humans.

Contributor:

ATCC®

Manufacturer:

BEI Resources

Product Description:

Genomic DNA was extracted from a preparation of *Plasmodium falciparum* (*P. falciparum*), strain D10.

P. falciparum, strain D10 was isolated in Papua New Guinea and is generally considered drug sensitive.¹ The whole genome shotgun sequence of *P. falciparum*, strain D10 is available (GenBank: [ABGX000000000](#)).

MRA-201G has been qualified for PCR applications by amplification of approximately 600 to 900 base pairs of the merozoite surface protein 2 (MSP2) gene.

Material Provided:

Each vial of MRA-201G contains approximately 0.5 µg of genomic DNA in buffer. 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-201G 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 D10, MRA-201G, contributed by ATCC®."

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](#), 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

Disclaimers:

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References:

1. Reed, M. B., et al. "Pgh1 Modulates Sensitivity and Resistance to Multiple Antimalarials in *Plasmodium falciparum*." *Nature* 403 (2000): 906-909. PubMed: 10706290.

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