



Product Information Sheet for MRA-270

Plasmid DNA

MR4 Number: MRA-270

Clone name: pPyrFlu / pMD205-GFP

Gene name: DHFR-TS

Genome: Plasmodium berghei

Vector name: pMD204

Insert site: AflII

Suggested host: *E. coli* DH5α

Selectable marker: ampicillin

Quality control: Restriction analysis, agarose gel RFLP size confirmation

Storage condition: -20°C

Concentration: ~10ng/ul

Volume: 50ul

Propagation Procedure:

This purified plasmid DNA must be transformed into a suitable host (e.g., *E. coli* DH5α) prior to use. Please consult appropriate protocols for bacterial transformation.

References:

53412: Sultan AA. Green fluorescent protein as a marker in *Plasmodium berghei* transformation.. *Infect. Immun.* 67: 2602-2606, 1999. PubMed: [10225926](https://pubmed.ncbi.nlm.nih.gov/10225926/)

16172822: Thathy V, Ménard R. Gene Targeting in *Plasmodium berghei*. Chapter 29 in *Malaria Methods and Protocols: Methods and Protocols. Series: Methods in Molecular Medicine Vol 72* pp. 317-331, 2002. DOI: 10.1385/1-59259-271-6:317

Depositor: V. Nussenzweig

Comments: This reagent is prepared by MR4 and stored frozen. **The sequence has not been confirmed by MR4.**

Important note: This reagent was quality tested by MR4 using spectrophotometry and gel analysis.

Please contact malaria@atcc.org for any comment.

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: *Biosafety in Microbiological and Biomedical Laboratories*, 4th ed. HHS Publication No. (CDC) 93-8395. U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Washington DC: U.S. Government Printing Office; 1999. The text is available online at www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm.

MR4 Replacement Policy

MR4 shall replace reagent if the customer reports it was received damaged. Shipments with problems 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 should be notified after a claim has been filed to arrange for another shipment.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

While ATCC® uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC® makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC® does not warrant that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, ~~10 ng/ul~~. ATCC® is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of strains on deposit, ATCC® is not liable for damages arising from the misidentification or misrepresentation of cultures.

Citations regarding use of this material

Please remember to reference both MR4 AND THE DEPOSITOR in all publications resulting from the use of this reagent.

Example of how to reference MR4 reagents:

In *Materials and Methods* "*P. falciparum* line Dd2 (MRA-156, MR4, ATCC® Manassas Virginia)...". In the acknowledgment portion: "We thank MR4 for providing us with malaria parasites contributed by (name of depositor)."

Consider Depositing to the MR4!

The generosity of other researchers made it possible for you to use this reagent. We invite you to share your reagents with the malaria community. One of the missions of MR4 is to facilitate technology transfer. MR4 will acknowledge your contribution in its publications. Contact us for more information.

© ATCC 2009. All rights reserved.

ATCC® is a registered trademark of the American Type Culture Collection.