



Product Information Sheet for MRA-741

PARASITE

MR4 Number: MRA-741
Organism: *Plasmodium chabaudi chabaudi*
Isolate: AS
Original Host: *Thamnomys rutilans* AS (399BY)
Isolate Collection Date: 1969
Isolate Location: Central African Republic, La Maboké field station
Depositor: David Walliker, University of Edinburgh.
Unit size: 0.2 ml
Propagated in: Mouse

History:
Original thicket-rat (*Thamnomys rutilans*) AS (399BY) containing *P. c. chabaudi* trapped by Y. Boulard, sent to Paris, France, then Edinburgh (1969). Isolate AS passaged in mice.

References:
Carter R, Walliker D. New observations on the malaria parasites of rodents of the Central African Republic - *Plasmodium vinckei petteri* subsp. nov. and *Plasmodium chabaudi* Landau, 1965. *Ann. Trop. Med. Parasitol.* 69: 187-196, 1975.
Beale, GH, Carter, R and Walliker, D. Genetics. In *Rodent Malaria*. Eds Killick-Kendrick, R. and Peters, W. London: Academic Press pp. 213-245, 1978.

Amplification:
Cryopreserved material should be injected in mice via the i.p. route. To maintain the strain in vivo, passage infected blood from donor to recipient mice via the i.v. route.

Cryopreservation:
Deep freeze solution: 28% glycerol, 3% sorbitol, 0.65% NaCl. Added as equal volume to that of the whole infected blood. 0.2ml (approximately) aliquots placed in ampules with parasitemia of 10%. Slow freeze to -80C overnight and transfer to vapor phase N2 or flash freeze in liquid N2.

Important note: This reagent was authenticated by the contributor. Please contact malaria@atcc.org for any comment.

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: *Biosafety in Microbiological and Biomedical Laboratories*, 5th ed. (2007). Department of Health and Human Services, Centers for Disease Control and Prevention. The full text is available from CDC online at <http://www.cdc.gov/od/ohs/biosfty/bml5/bml5toc.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.

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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!
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