



Product Information Sheet for MRA-756

PARASITE

MR4 Number: MRA-756

Organism: *Plasmodium chabaudi chabaudi*

Isolate: AJ

Original Host: *Thamnomys rutilans* AS (166BY)

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 (166BY) containing *P. c. chabaudi* trapped by Y. Boulard, sent to Paris, France, then Edinburgh (March 19, 1969). Isolate AJ passed into *Grammomys surdaster* and mice.

Drug profiles: Not tested – probably sensitive to all drugs (Walliker).

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.

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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)."

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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/bmbl5/bmbl5toc.htm>.

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