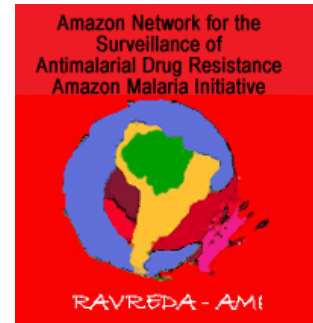




RAVREDA/AMI:

Summary of Field Assays Using *in vitro* Tests for *P. falciparum* Sensitivity to Antimalarials

(Fresh Isolates)



Country	Site	Year	Drugs	Parasitemy	Number of Samples Collected	HRP2 Samples Processed	HRP2 Samples Interpretable
Colombia	Tumaco	2006	CQ, AQ, MDAQ, MQ, DHART	< or = to 0,3%	11	10	1 (*1)
	Tumaco	2007			31	26	17(*2)
	Leticia	2006			20	13	0 (*3)
	Leticia	2007			11	9	3 (*4)
Brazil	Tucuruí	2005	CQ	0,05 a 1%	8	8	8
	Tucuruí	2005	CQ,MQ,Q	0,05 a 1%	18	6	0 (*5)
	Tucuruí	2007	CQ,MQ, Q, ASU	0,04 a 1,0%)	21	21	21(*6)
	Itaituba	2007	CQ,MQ,Q	0,04 a 1,13%	12	12	12 (*7)
	Manaus	2007	CQ,MQ, Q, ASU	0,2 - 0,7%	17	17	13 (*8)

*1 = Problems with freezer caused lost of plaques due to protein degradation.

*2 = 3 samples did not grow; and in the others, the optical densities of the positive control was not 1.7 times higher than the basal.

*3 = No samples detected by the monoclonals, or the optical densities of the positive control was not 1.7 times higher than the basal.

*4 = 1 sample did not grow; and in 5, there was no detection by the monoclonals.

*5 = All samples were contaminated during the 72-hour culture.

*6 = 5 samples with Quinine (Q) did not grow after 72 hours.

*7 = 1 sample with chloroquine (CQ) did not grow??

*8 = In progress (up to now, 4 samples with very low optical density on ELISA readings (uninterpretable data).

MDAQ = monodesethyl amodiaquine DHART = dihydroartemisinin