

Additional File 4.

Clinical sensitivity of qPCR Assays for *P. falciparum* in 96 filter paper blots from smear-positive, asymptomatic subjects by parasite density and template copy number

qPCR Assays	Template Copy No.	Asexual Parasites per $\mu$ l by Microscopy ( $n = 24$ subjects per group)				
		$\leq 200$	201–999	1,000–1,999	2,000–5,000	Totals
<i>crt</i>	1	4 (17%)	14 (58%)	17 (71%)	19 (79%)	54 (56%)
<i>ldh(a)</i>	1	4 (17%)	15 (63%)	16 (67%)	20 (83%)	55 (57%)
<i>ldh(b)</i>	1	6 (25%)	14 (58%)	16 (67%)	20 (83%)	56 (59%)
<i>18SrRNA(a)</i>	3	8 (33%)	17 (71%)	19 (79%)	19 (79%)	63 (66%)
<i>18SrRNA(b)</i>	3	7 (29%)	16 (67%)	18 (75%)	20 (83%)	61 (64%)
<i>cytb</i>	22	10 (42%)	17 (71%)	21 (88%)	22 (92%)	70 (73%)
<i>coxI</i>	22	11 (46%)	17 (71%)	19 (79%)	21 (88%)	68 (71%)
<i>varATS</i>	29	10 (42%)	17 (71%)	21 (88%)	21 (88%)	69 (72%)
<i>r364(b)</i>	56	9 (38%)	18 (75%)	19 (79%)	20 (83%)	66 (69%)
TARE-2	160	11 (46%)	19 (79%)	22 (92%)	22 (92%)	74 (77%)

This table shows the individual clinical sensitivities of 10 qPCR assays for *P. falciparum* in filter paper blots from smear-positive, asymptomatic subjects increased with parasite densities from thick smears and template copy number of qPCR assay.