

Additional file 1. Patient demographic and malaria data

	Number of samples				
	Tak (n = 64)	Ubon Ratchathani (n = 52)	Chanthaburi (n = 63)	Yala and Narathiwat (n = 53)	Total (n = 232)
Year					
2007	3	0	0	0	3
2008	32	0	44	22	98
2009	12	10	16	19	57
2010	17	10	3	12	42
2014	0	32	0	0	32
Age					
<10	9	0	1	2	12
10-19	25	5	9	9	48
20-29	13	11	27	18	69
30-39	10	12	8	9	39
40-49	4	18	11	8	41
50-59	2	5	5	6	18
60-69	1	1	2	1	5
Range	4 – 60	15 - 66	4 - 63	8 – 61	4 – 66
Mean ± S.D.	22.0 ± 13.1	37.0 ± 12.0	30.9 ± 13.4	30.6 ± 14.0	29.7 ± 14.1
Gender					
Male	44	46	45	36	171
Female	20	6	18	17	61
Male:Female	2.2:1	7.7:1	2.5:1	2.1:1	2.8:1
Ethnics					
Thai	43	47	52	53	195
Non-Thai	21	5	11	0	37
Previous malaria					
No	20	22	23	31	96
Yes	10	1	5	4	20
Unavailable	34	29	35	18	116
Parasite density*					
Available (n)	34	15	5	6	60
Range	440 - 44120	440 - 36080	4560 - 30120	920 - 35960	440 - 44120
Mean#	7402	3818	11720	6680	6451
Unavailable (n)	30	37	58	47	172

* Parasite density was calculated from the number of parasites per 200 white blood cells in thick blood films.

Geometric mean