

Supplemental Table 4
Sensitivity and Specificity of RDT by age group using qPCR as golden standard

Age groups		Microscopy		Sensitivity (95% CI)	Specificity (95% CI)	PPV (95% CI)	NPV (95% CI)	
		Pos	Neg					
5-14years	PfHRP2	Pos	25	3	96(81, 99)	95(87, 98)	89(73, 96)	98(91, 100)
		Neg	1	61				
	PfLDH	Pos	21	1	81(62, 92)	98(92, 100)	96(78, 99)	93 (84, 97)
		Neg	5	63				
15-24years	PfHRP2	Pos	38	12	62(50, 73)	88(80, 93)	76(63, 86)	79(71, 86)
		Neg	23	88				
	PfLDH	Pos	42	1	69(56, 79)	99(95, 100)	98(88, 99)	84(76, 89)
		Neg	19	99				
25-34 years	PfHRP2	Pos	26	1	93(77, 98)	98(92, 100)	96(82, 99)	97(90, 99)
		Neg	2	64				
	PfLDH	Pos	20	1	71(53, 85)	98(92, 100)	95(77, 99)	89(80, 94)
		Neg	8	64				
>34 Years	PfHRP2	Pos	15	3	71(50, 86)	93(80, 97)	83(61, 94)	86 (73, 94)
		Neg	6	37				
	PfLDH	Pos	12	0	57(37, 76)	100(91, 100)	100(75, 100)	82(69, 90)
		Neg	9	40				