

Supplementary Information

Supplementary File 1

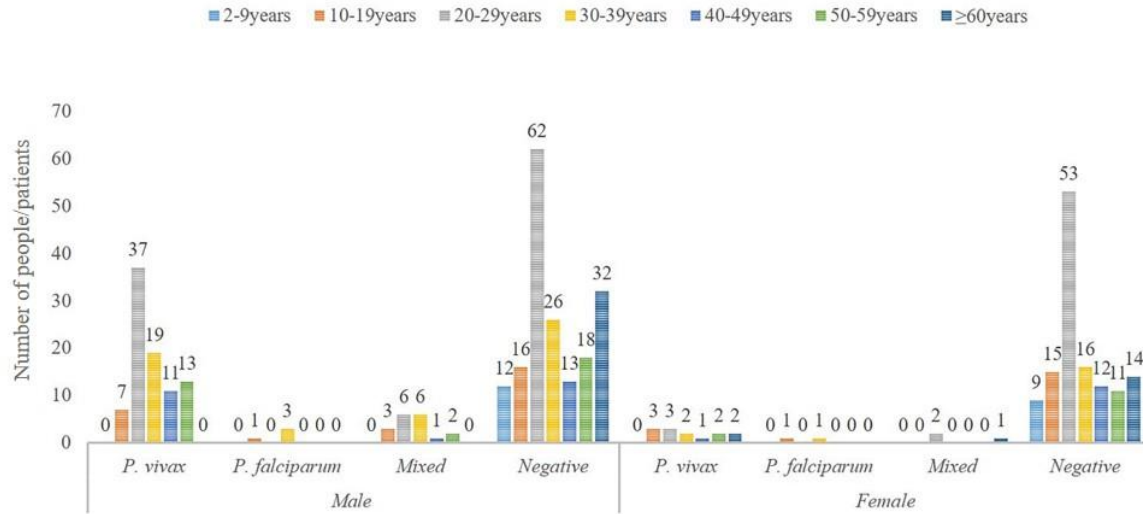


Figure: Distribution of *Plasmodium* cases corresponding to seven age groups as indicated in the colour bar. Gender-wise distribution was also indicated in the left panel (male) and right panel (female).

Supplementary File 2

Table: Sensitivity, specificity, and predictive values of the three diagnostic methods.

Diagnostic methods	TP (no)	FP (no)	TN (no)	FN (no)	Sensitivity (%)	Specificity (%)	PPV (%)	NPV (%)	Accuracy
TFM	127	0	306	3	97.7	100	100	99.06	99.31
QBC	127	1	306	2	98.45	99.67	99.2	99.37	99.31
PCR	127	0	306	3	97.7	100	100	99.06	99.31
Composite reference	127	0	306	0	100	100	100	100	100

TFM: thick film microscopy; QBC: Quantitative Buffy Coat; PCR: polymerase chain reaction; no: number; TP: true positive; FP: false positive; TN: true negative; FN: false negative; PPV: positive predictive value; NPV: negative positive predictive value; %: percent.