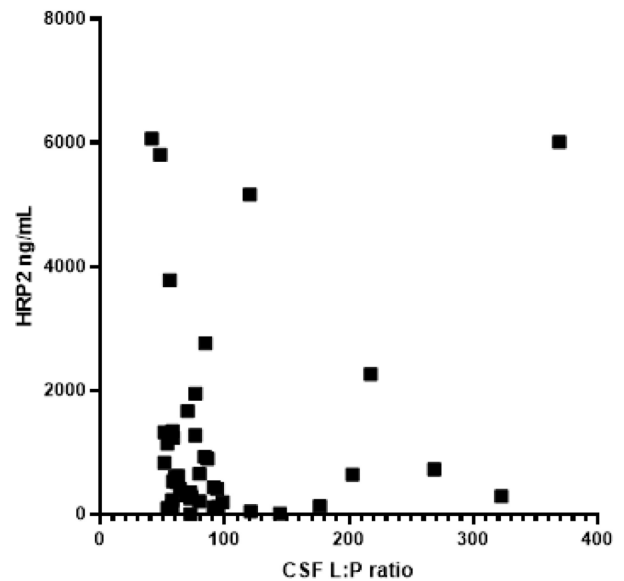
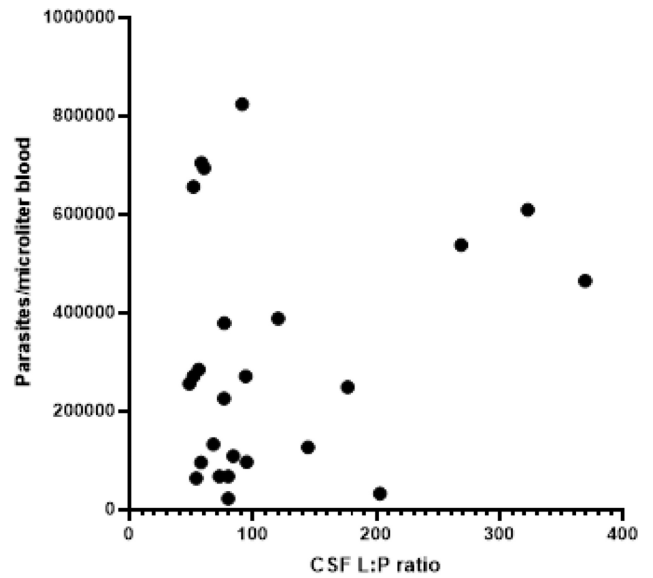


Supplementary Fig. S1 Flow diagram of patient screening and enrollment.



Supplementary Fig. S2 Cerebrospinal fluid lactate to pyruvate ratio correlation with the degree of parasitemia ($r = 0.158$, 95% CI: -0.24 to 1.51 , $p = 0.44$) or *Plasmodium falciparum* histidine-rich proteins 2 concentration ($r = 0.154$, 95% CI: -0.15 to 0.432 ; $p = 0.32$).