

## LIST OF TABLES

<b>Table</b>	<b>Page</b>
<b>LITERATURES REVIEW</b>	
1. Plasma TNF levels in patients infected with <i>P. vivax</i> and <i>P. falciparum</i>	12
2. Effect of Incubation temperature at 40°C on parasitaemia of <i>P. falciparum</i>	15
3. Febrile temperature-induced alterations in the <i>P. falciparum</i> gene expression regarding to their assigned biologic functions	19
<b>MATERIALS AND METHODS</b>	
4. The mimicking febrile temperature during 48 hours	54
5. The mimicking febrile temperature during 48 hours under drugs stress	56
<b>RESULTS</b>	
6. The reinfection ratio of K1 and 3D7 strain of both non-HS and HS group.	67
7. The total parasite number of isolate PF91, PF112, PF235, TMPF224 and TMPF 225 (non-HS and HS).	73
8. The rate of reinfection of isolate PF91, PF112, PF235, TMPF224 and TMPF 225 (non-HS and HS). The <i>p</i> value represents the correlation between non-HS and HS group which is significantly different	74
9. The drug susceptibility (IC <sub>50</sub> value) of standard strain (K1 and 3D7) and isolate PF91, PF112, PF235, TMPF224 and TMPF 225 after HS and non-HS condition	79
10. The drug susceptibility (IC <sub>50</sub> value) of standard strain (K1 and 3D7) and isolates PF91, PF112, PF235, TMPF224 and TMPF 225 after HS and non-HS condition at the end of phase B followed by one round of culture at 37°C	80

## LIST OF TABLES (Cont.)

<b>Table</b>	<b>Page</b>
11. The total number of parasite in K1 under non-heat shock (K1 non-HS), K1 under heat shock (K1 HS), K1 under non-heat shock with chloroquine (K1 non-HS CQ) and K1 under heat shock with chloroquine (K1 HS CQ).	84
12. The total of parasite number of 3D7 under non-heat shock (3D7 non-HS), 3D7 under heat shock (3D7 HS), 3D7 under non-heat shock with chloroquine (3D7 non-HS-CQ) and 3D7 under heat shock with chloroquine (3D7 HS CQ).	88
13. The total number of parasite number of fives isolate under different conditions such as non-heat shock (non-HS), heat shock (HS), non-heat shock with chloroquine (non-HS-CQ) and heat shock with chloroquine (HS CQ)	94
14. The total of parasite number of K1 under non-heat shock (K1 non-HS), K1 under heat shock (K1 HS), K1 under non-heat shock with Artesunate (K1 non-HS-ARS) and K1 under heat shock with Artesunate (K1 HS ARS).	98
15. The total number of parasite strain 3D7 under non-heat shock (3D7 non-HS), 3D7 under heat shock (3D7 HS), 3D7 under non-heat shock with Artesunate (3D7 non-HS ARS) and 3D7 under heat shock with Artesunate (3D7 HS ARS).	102
16. The total of parasite number of fives isolates under non-heat shock (non-HS), heat shock (HS), non-heat shock with ARS(non-HS ARS) and heat shock with ARS (HS ARS).	108