Additional File 2

Antigen	Sample Type	Protocol	Component 1 lognormal mean (variance)	Component 2 lognormal mean (variance)	Δ lognormal means C1 vs C2
PfMSP1-19	Serum	Standard	3.6 (0.50)	8.1 (3.64)	4.5
		OneStep	4.7 (2.65)	10.5 (0.29)	5.8
	Blood Elution	Standard	3.5 (0.25)	7.3 (4.21)	3.8
		OneStep	4.0 (0.71)	10.1 (1.43)	6.1
PvMSP1-19	Serum	Standard	4.2 (0.25)	5.6 (1.9)	1.4
		OneStep	4.1 (0.45)	6.0 (2.66)	1.9
	Blood Elution	Standard	4.1 (0.19)	5.3 (1.17)	1.2
		OneStep	4.2 (0.25)	5.6 (1.9)	1.4
PmMSP1-19	Serum	Standard	3.7 (0.26)	5.5 (1.84)	1.8
		OneStep	3.9 (0.35)	6.2 (2.89)	2.3
	Blood Elution	Standard	4.1 (0.18)	5.5 (0.85)	1.4
		OneStep	4.2 (0.27)	6.2 (2.15)	2.0
PfCSP	Serum	Standard	3.7 (0.45)	6.1 (3.28)	2.4
		OneStep	4.1 (0.66)	7.5 (4.14)	3.4
	Blood Elution	Standard	3.5 (0.31)	5.7 (2.85)	2.2
		OneStep	4.1 (0.38)	7.4 (4.41)	3.3
PfAMA1	Serum	Standard	4.1 (0.84)	7.8 (2.85)	3.7
		OneStep	5.4 (3.04)	10.3 (0.28)	4.9
	Blood Elution	Standard	3.9 (0.49)	7.1 (3.48)	3.2
		OneStep	4.5 (0.85)	9.6 (2.05)	5.1
PfLSA1	Serum	Standard	3.4 (0.23)	4.7 (4.57)	1.3
		OneStep	4.0 (0.53)	6.8 (4.39)	2.8
	Blood Elution	Standard	3.2 (0.15)	4.9 (3.15)	1.7
		OneStep	3.9 (0.30)	7.0 (4.55)	3.1
PfGLURP-R0	Serum	Standard	3.6 (0.21)	5.1 (6.12)	1.5
		OneStep	4.1 (0.54)	7.0 (4.19)	2.9
	Blood Elution	Standard	3.4 (0.18)	5.9 (4.37)	2.5
		OneStep	4.0 (0.28)	7.4 (5.42)	3.4
HRP2	Serum	Standard	3.9 (0.34)	6.0 (2.98)	2.1
		OneStep	4.4 (0.59)	7.1 (4.02)	2.7
	Blood Elution	Standard	4.0 (0.24)	5.7 (1.99)	1.7
		OneStep	4.3 (0.3)	7.1 (3.62)	2.8