Figure 1

Optimization of SARS Cov IgG positive and negative sera for DB-EIA protocol

Serum sample	1:25	1:50	1:100	1:200	1:400
Positive1					
Positive2					
Positive3					
Positive4					
Negative1[d+]					
Negative2[d+]					
Negative3[d+]					
Negative4[d+]					
Negative1[d-]					
Negative2[d-]					
Negative3[d-]					
Negative4[d-]					
Negative5[d-]					
Negative6[d-]					

[d+]Serum positive to dengue virus

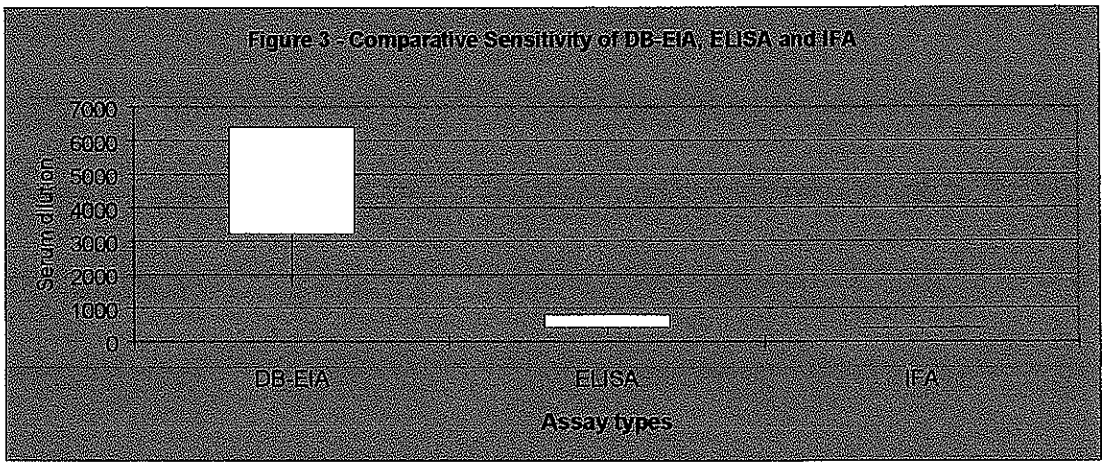
[d-]Serum negative to dengue virus

Figure 2 - Comparison of DB-EIA, IFA and ELISA

		1:25	1:50	1:100	1:200	1:400	1:800	1:1600
DB-EIA	SARS +							
	SARS -							
	Den +							
IFA	SARS +							
	SARS -							
	Den +							
ELISA	SARS +	0.542	0.476	0.364	0.272	0.192	0.134	0.092
	SARS -	0.178	0.136	0.092	0.077	0.059	0.055	0.051
	Den +	0.299	0.167	0.112	0.079	0.053	0.051	0.041

Figure 3 - Results of 10 pair serum samples from SARS confirmed cases and their comparison with IFA and ELISA

Serum No	DB-EIA		DB-EIA Titer	IFA Titer	ELISA
1a			Negative	Negative	Negative
1b			3200	160	1600
2a			Negative	Negative	Negative
2b			3200	80	400
3a			Negative	Negative	Negative
3b			3200	320	400
4a			Negative	Negative	Negative
4b			1600	80	1600
5a			Negative	Negative	Negative
5b			3200	320	6400
6a			Negative	Negative	Negative
6b			3200	320	1600
7a			Negative	Negative	Negative
7b			6400	320	1600
8a			Positive	Negative	Negative
8b			3200	320	1600
9a			Negative	Negative	Negative
9b			3200	640	1600
10a			Negative	Negative	Negative
10b			3200	80	6400
Positive (++++)			6400	400	Positive
Positive (+)					
Negative					


Figure 3 - Comparative Sensitivity of DB-EIA, ELISA and IFA
Serum dilution
7000
6000
5000
4000
3000
2000
1000
0
DB-EIA
ELISA
IFA
Assay types