

S2 Table. Detailed information on 87 samples analyzed using SGNPs (sulfated sugar chain-immobilized gold nanoparticles) and the Qiagen PCR assay. **Yellow cells indicate the corresponding Tm values for each of serotype. Red cells indicate the severe status of patients. Red ovals indicate positive results.**

City	Sample No	SGNP-PPT			SGNP-SUP			Qiagen			Serotype	NS I	IgG	IgM	Diagnosis	Gender	Age
		Ct Value	Tm value		Ct Value	Tm value		Ct Value	Tm value								
Pangkal Pinang	1	22.07	85	●	23.39	85	●	18.35	83.5	●	III	No data's	Fever 3d	M	4		
	2	11.73	75	—	31.19	74.5	—	30.49	78.5	—			Fever 1d	F	2		
	3	5.03	74.5	—	33.57	75	—	31.29	78	—			Fever 3d	M	11 MONTHS		
	4	8.39	81.5	●	27.7	81.5	●	23.33	83.5	●	II		Fever 2d	F	16		
	5	26.57	75	—	32.67	74.5	—	31.49	77.5	—			Fever 4d	F	7 MONTHS		
	6	31.24	74.5	—	32.05	74.5	—	30.4	79	—			Fever 2d	M	8 MONTHS		
	7	33.67	75	—	33.79	75	—	30.55	78	—			Fever 3d	F	2		
	8	35.4	75.5	—	35.81	75	—	11.98	84.5	●	I		Fever 2d	M	4		
	9	29.1	75	—	30.61	75	—	31.22	77	—			Fever 3d	M	7		
	10	15.29	75	—	33.96	75	—	31.74	79.5	—			Fever 3d	F	4		
	11	34.73	74.5	—	32.49	74	—	31.06	78	—			Fever 3d	F	12		
	12	18.18	81.5	●	31.27	81.5	●	28.22	83.5	●	II		Fever 2d	F	8		
	13	25.40	81.5	●	31.38	81	●	27.16	84.5	●	II		Fever 2d	F	20		
	14	29.47	74.5	—	34.03	74	—	31.2	79	—			-	M	32		
	15	25.77	84.5	●	27.1	84.5	●	31.4	76.5	—	I		-	F	10		
	16	35.26	75	—	33.04	74.5	—	31.6	79	—			-	F	1		
	17	27.51	84	●	31.01	75	—	25.9	77.5	—	I		-	M	33		
	18	27.26	74.5	—	31.12	75	—	28.47	79	—			-	F	20		
	19	30.74	75	—	32.05	74	—	30.26	79.5	—			-	M	12		
	20	26.63	84.5	●	28.22	85	●	28.34	84.5	●	III		-	M	17		
	21	21.85	82	●	23.08	82.5	●	22.37	84.5	●	II		-	M	19		
	22	32.6	84.5	●	31.85	74.5	—	30.62	79	—	I		Fever 3d	M	7		
Lampung	19	29.02	81.5	●	29.34	74.5	—	22.47	81.5	●	II	+	+	—	Fever 3d	F	24
	66	24.28	84.5	●	26.15	84	●	16.95	84.5	●	I	+	—	—	Fever 2d	M	17
	18	23.24	84.5	●	24.69	84.5	●	15.68	85	●	III	+	—	—	Fever 2d	F	1
	37	30.25	75	—	29.78	75	—	29.26	74.5	—		+	—	—	Fever 4d	F	39
	13	30.19	74.5	—	30.15	75	—	27.17	84.5	●	I/III	+	—	+	Fever 3d	M	25
	9	29.88	74.5	—	30.34	74.5	—	28.17	84	●	I	+	—	+	Fever 3d	F	1
	71	19.13	84	●	18.82	84	●	9.27	84	●	I	+	—	—	fever 5d	M	25
Jakarta	93	31.04	75	—	29.95	75	—	28.88	84	●	I	+	—	+	fever 5d	F	3
	95	29.79	75	—	29.05	74.5	—	28.18	74.5	—		+	+	+	fever 5d	M	35
	28	34.04	74.5	—	30.55	74.5	—	33.8	73.5	—		—	—	—	fever 5d	M	17
	29	29.45	74.5	—	30.59	75	—	24.92	74.5	—		—	—	—	-	M	17
	30	31.16	74	—	30.72	74.5	—	28.4	74	—		—	—	+	DHF Gr 2	F	15
	31	29.43	74.5	—	34.13	75	—	0.62	74	—		-	+	-	DSS	F	12
	32	30.99	74.5	—	33.73	75	—	28.9	84	●	I	+	-	-	DHF Gr 1	M	11
Solo	33	30.67	74.5	—	0.67	74.5	—	29.71	74	—		-	-	+	DHF Gr 3	F	7
	34	30.76	74.5	—	34.06	74.5	—	26.88	74	—		-	-	-	Fever 4d	M	12
	1	34.47	74.5	—	34.52	75	—	29.23	74.5	—		-	-	-	Fever	F	2
	2	30.62	82.5	●	34.65	76	—	25.39	74.5	—	IV	+	-	-	Fever	M	11
	3	30.62	74.5	—	32.63	75	—	29.97	74.5	—		-	-	-	Fever	M	11
	4	35.05	75	—	33.89	74.5	—	33.5	74.5	—		-	-	-	Fever	M	24
	5	31.57	75	—	33.14	75	—	28.81	74.5	—		-	-	-	Fever 4d	F	8
	6	32.87	74.5	—	33.67	76.5	—	28.57	74.5	—		-	+	+	Fever	M	23
	7	30.98	75	—	32.84	75	—	26.98	74.5	—		-	-	-	Fever	F	23
	8	23.29	84.5	●	31.1	85	●	24.67	84	●	III	+	-	-	Fever	F	28
	9	34.81	75	—	32.14	74.5	—	22.94	74.5	—		+	-	-	Fever	M	7
	10	31.48	83	●	34.82	75	—	28.63	75	—	IV	-	-	-	Fever 1d	M	45
	11	33.58	82	●	27.98	82.5	●	19.94	82	●	II	+	-	-	Fever 1d	M	11
	12	34.35	75	—	33.48	75	—	31.46	74.5	—		-	-	+	Fever	M	20
	13	34.4	74.5	—	33.65	74.5	—	30.01	74.5	—		-	-	-	Fever 2d	M	13
	14	29.59	74.5	—	33.64	75	—	30.34	74.5	—		-	-	-	Fever 3d	F	19
	15	34.18	75	—	33.31	75	—	32.27	72.5	—		-	-	-	Fever	F	62
	16	32.12	74.5	—	34	75	—	33.85	74.5	—		-	-	-	Fever 2d	M	14
	17	31.69	75	—	32.5	75	—	25.6	74.5	—		+	-	-	Fever 2d	M	14
	18	30.92	75.5	—	32.85	74.5	—	30.2	74.5	—		-	-	-	Fever	F	56
	19	31.63	75	—	34.28	75	—	28.12	74.5	—		-	-	-	Fever	F	20
	20	26.98	75	—	32.97	74.5	—	33.42	75.5	—		-	+	-	DHF	F	20
	21	22.5	83	●	28.13	85.5	●	18.31	85	●	IV/III	+	-	-	Fever 1d	M	14
	22	29.39	74.5	—	33.13	74.5	—	28.67	74.5	—		-	-	-	Fever 2d	F	31
	23	27.05	75	—	33.23	75	—	29.63	74.5	—		-	-	+	DHF	F	9
	24	25.44	74.5	—	35.18	76	—	28.86	74.5	—		-	-	-	Fever	M	67
	25	30.96	75	—	32.81	74.5	—	28.51	74.5	—		-	-	-	Fever	F	21
	26	30.22	75	—	33.69	75	—	28.84	74.5	—		-	-	-	DHF Gr 1	F	2
	27	34.02	74.5	—	32.07	75	—	29.82	74.5	—		-	+	+	DHF	M	8
	28	25.54	82	●	27.66	83	●	18.94	81.5	●	II	+	-	-	Fever	F	3
29	1.03	83	●	32.25	74.5	—	29.43	74.5	—	IV	-	-	-	Fever 2d	M	14	
30	24.72	75	—	32.92	75.5	—	27.62	75	—		-	+	+	Fever	M	20	

33	31.43	75.5	—	35.28	80.5	—	29.59	74.5	—		-	+	+	DHF	M	14
34	31	74.5	—	35.16	74.5	—	28.42	74.5	—		-	+	-	Fever	M	43
35	33.48	75	—	34.9	74.5	—	29.39	75	—		-	+	-	-	F	39
36	32.11	75	—	34.93	75	—	27.15	74.5	—		-	-	-	Fever	M	30
37	21.22	83	●	30.63	75	—	30.65	74	—	IV	-	-	-	Fever 3d	F	63
38	30.7	75	—	30.13	74.5	—	30.26	74	—		-	-	-	Fever	M	17
39	28.24	83	●	31.63	74.5	—	29.17	74.5	—	IV	-	-	-	Fever	F	16
40	30.8	75	—	27.76	75.5	—	28.94	74.5	—		+	+	-	DHF	F	11
41	31.69	75	—	31.09	75.5	—	29.56	74.5	—		-	+	-	Fever	F	15
42	26.98	84	●	34.04	84	●	27.55	83.5	●	I	+	-	-	Fever	F	10
43	31.14	75	—	34.87	74.5	—	29.54	74	—		-	-	-	Fever	F	10
44	30.79	75	—	32.15	75	—	29.88	74.5	—		-	-	-	Fever	F	6
45	23.17	84	●	28.17	84	●	23.74	83.5	●	I	+	-	-	Fever	M	-
46	29.21	75	—	25.47	75	—	29.99	74	—		-	-	-	Fever	M	6
47	30.98	75	—	25.71	74.5	—	28.64	80.5	—		-	-	+	-	F	-
48	30.6	75	—	25.63	74.5	—	29.74	75	—		-	+	+	-	M	19
49	34.06	75	—	25.52	74.5	—	29.61	74.5	—		-	+	+	-	F	33