

Table SI. The relationship between a sample quantity and sensitivity of LAMP and Therascreen assays.

No.	gDNA (cps)	Plasmid DNA form (cps)	Content rate of mutation (%)	LAMP	Therascreen
1	1,500	1500/5 μ l	50.0	3 positive/3 cases	3 positive/3 cases
2	1,500	150/5 μ l	9.1	3 positive/3 cases	3 positive/3 cases
3	1,500	75/5 μ l	4.8	3 positive/3 cases	3 positive/3 cases
4	1,500	15/5 μ l	1.0	1 positive/3 cases	0 positive/3 cases
5	1,500	7.5/5 μ l	0.5	1 positive/3 cases	0 positive/3 cases
6	1,500	3/5 μ l	0.2	0 positive/3 cases	0 positive/3 cases
7	1,500	1.5/5 μ l	0.1	1 positive/3 cases	0 positive/3 cases
8	1,500	Negative control	0	0 positive/3 cases	0 positive/3 cases