

Table S1 Method Assessment in Real Sample between Instrument detection and
Flat panel detection

Actual sample name	Instrument detection value (CFU/mL)	Flat panel detection value (CFU/mL)
Sample 1	$(0.523 \pm 0.016) \times 10^2$	$(0.678 \pm 0.023) \times 10^2$
Sample 2	$(0.870 \pm 0.024) \times 10^3$	$(0.798 \pm 0.047) \times 10^3$
Sample 3	Neg.	Neg.
Sample 4	Neg.	Neg.
Sample 5	Neg.	Neg.
Sample 6	Neg.	Neg.
Sample 7	Neg.	Neg.
Sample 8	$(0.117 \pm 0.035) \times 10^4$	$(0.238 \pm 0.024) \times 10^4$
Sample 9	Neg.	Neg.
Sample 10	Neg.	Neg.
Sample 11	Neg.	Neg.
Sample 12	Neg.	Neg.
Sample 13	Neg.	Neg.
Sample 14	Neg.	Neg.
Sample 15	Neg.	Neg.
Sample 16	$(0.231 \pm 0.067) \times 10^0$	$(0.101 \pm 0.053) \times 10^0$
Sample 17	Neg.	Neg.
Sample 18	Neg.	Neg.
Sample 19	Neg.	Neg.
Blank	Neg.	Neg.