

Supplementary Table 2. Comparison of Ct value according to each probe amount for optimizing the detection efficiency of *Staphylococcus aureus*

Sample	Probe amount	Fluorescence channel	Target gene	Ct value
PC1	20 pmol	FAM (green)	<i>S. aureus greA</i>	21.29
PC2				22.93
NC				40.61
NTC				40.51
PC1	10 pmol			20.41
PC2				21.79
NC				38.53
NTC				39.88

Ct value, cycle threshold; PC, positive control; NC, negative control; NTC, non-template DNA control.