

Table 1 Primers for the loop-mediated isothermal amplification (LAMP) assay for detection of FemA and MecA genes

Primers	Sequences (5' to 3')	Position
FemA		
F3	ATGCTGGTGGTACATCAA	1022–1039
B3	TGGTTAATAAAGTCACCAACAT	1217–1239
FIP	GGTCAATGCCATGATTTAATGCATA-GCATTCCGTCATTTTGCC	1042–1059, 1093–1117
BIP	CAGAAGATGCTGAAGATGCTGG-TCAATAATTCAGCATTGTAACC	1151–1172, 1192–1214
LF	AATCATTCCCATTGCACT	1068–1089
LB	TGTAGTTAAATTCAA	1173–1187
MecA		
F3	AAGATGGCAAAGATATTCAACT	956–977
B3	AGGTTCTTTTTTATCTTCGGTTA	1148–1170
FIB	GTGGATAGCAGTACCTGAGCC-TTGATGCTAAAGTTCAAAAGAGT	983–1005, 1033–1053
BIB	CCTCAAACAGGTGAATTATTAGCAC-CTTCGTTACTCATGCCATAC	1054–1078, 1116–1135
LF	TAATCATTTTTTCATGTTG	1014–1031
LB	TGTAAGCACACCTTCATATGACGT	1080–1103

F3 = forward outer primer; B3 = backward outer primer; FIP = forward inner primer; BIP = backward inner primer; LF = loop forward primer; LB = loop backward