

Thermocycling conditions were determined using 10 to 50 copies of plasmid DNA from 7 mycoplasma species.

Thermocycler	Running Time (total)	Strip for Thermocycling (A: white, B: clear)	Recommended Analysis Method	PCR program (45 cycles)			
				Initial Denaturation	Denaturation	Annealing and Elongation	
Thermo Fisher Scientific							
7500*1	~60 min	Strip B	Auto analysis (single threshold)	95°C 10 sec	95°C 5 sec	60°C	32 sec
7500 Fast	~40 min						25 sec
StepOnePlus™	~35 min						10 sec
QuantStudio™ 5	~35 min						15 sec
Bio-Rad							
CFX Connect™	~35 min	Strip A	Cq Determination Mode Regression	95°C 10 sec	98°C 3 sec	60°C	15 sec
CFX 96							
Roche							
Light Cycler® 96	~40 min	Strip A	Abs Quant	95°C 10 sec	98°C 3 sec	60°C	5 sec
Light Cycler® 480			Abs Quant/ 2nd derivative Max				
Light Cycler® 480 II							
Shimadzu							
GVP-9600	~60 min	Strip B	2nd derivative Max	95°C 10 sec	98°C 3 sec	60°C	5 sec
Other Thermocycler							
-	-	Instrument specific	Software specific	95°C 10 sec	98°C 3 sec	60°C	15 sec

*1 Transfer liquid to a generic 0.2mL strip