

TaqMan Template - *S. pneumoniae*

Date: PCR *lytA*

Note: *lytA* detection

	1	2	3	4	5	6	7	8	9	10	11	12
A												
B												
C												
D												
E												
F											NTC	
G											NTC	
H											lytA positive control	

Primers/probe concentration

<i>lyt A</i> -200/200/200		<i>lyt A</i>
Invitrogen-Platinum Quantitative PCR SuperMix-UDG (cat# 11730-017)	Rxn	#
	12.5	250
H2O	7	140
50mM MgCl2	1.5	30
Primer F (10uM)	0.5	10
Primer R (10uM)	0.5	10
Probe (10uM)	0.5	10
	22.5	450
DNA/H2O	2.5	

lyt A probe= FAM

Primer/Probe	number	Dilution day
primer-F		
primer-R		
probe		

Thermal Cycling Parameters	
1X	95°C for 10min
40X	95°C for 15sec
	60°C for 1min