

Temp Gradient for cPCR - no plate reads

062514
mg

1 50.0 2 50.3 3 51.0 4 51.9 5 53.1 6 54.7 7 56.6 8 58.1 9 59.3 10 60.1 11 60.8 12 61.0

A												
MgCl ₂					733 3.0	[X	X	X	B	X		X]
748												
C ^{3.0}	[X		B	X	X	X						
D ^{1.5}	[X		B	X	X	X						
4408 44098 ^{3.0}	[X		B	X	X	X						
E												
F												
G												
H												

733(x7) 3.0 mgCl ₂	748(x6) 1.5 mgCl ₂	+ 44098(x6) 3.0 mM MgCl ₂
10x PCEbuff 2.5 x 7 = 17.5	10x PCEbuff 2.5 x 6 = 15.0	10x PCEbuff 2.5 x 6 = 15.0
10mM dNTP 0.5 = 3.5	10mM dNTP 0.5 = 3.0	10mM dNTP 0.5 = 3.0
PF 0.5 = 3.5	PF 0.5 = 3.0	PF 0.5 = 3.0
Pr 0.5 = 3.5	Pr 0.5 = 3.0	Pr 0.5 = 3.0
polymerase plat. 0.2 = 1.4	polymerase plat. 0.2 = 1.2	polymerase plat. 0.2 = 1.2
MgCl ₂ 1.5 = 10.5	MgCl ₂ 0.75 = 4.5	MgCl ₂ 1.5 = 9.0
H ₂ O 18.3 ↓ = 128.1	H ₂ O 19.05 ↓ = 114.3	H ₂ O 18.3 ↓ = 109.8

+ 1 ml template

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sample Ev2.28 1.5 ml @ 131.14 ng/ml

3.8 ml @ 5 ml H₂O

21.2 ml

25 ml @ 20 ng/ml

↳ load 1 ml