

PCR Buffer

Final concentration in the tube

dNTPs	400 μ M each
Primers	100 nM each
Mg ²⁺	3 mM
(NH ₄) ₂ SO ₄	20 mM
Triton X ₁₀₀	0.016 %
DMSO	4 %
KCl	50 mM
Tris/HCl pH 8.3	10mM
Tween 20	0.08%

5X Buffer	Prepare 100 ml
H ₂ O	qsp 100 ml
15 mM MgCl ₂	0.75 ml 2 M MgCl ₂
100 mM (NH ₄) ₂ SO ₄	1.32g
0.08 % Triton X ₁₀₀	800 μ l of 10 %
20 % DMSO	20 ml
250 mM KCl	1.864 g
50 mM Tris/HCl pH 8.3	5 ml Tris/HCl 1 M pH 8.3
0.4 % Tween 20	4 ml of 10 %

Filter sterilize, aliquot and freeze at -20°C