

PCR buffers

Maniatis 10x PCR buffer (for basic PCR)

500 mM KCl
15 mM MgCl₂
100 mM Tris-HCl
1.1 % gelatin (optional)

***Pfu* cloned 10x PCR buffer (works especially well with single copy nuclear DNA)**

200 mM Tris-HCl (pH 8.8)
20 mM MgSO₄
100 mM KCl
100 mM (NH₄)₂SO₄
1% Triton® X-100
1 mg/ml nuclease-free BSA

KlenTaqLA 10x PCR buffer (works especially well with cDNA)

500 mM Tris-HCl (pH 9.2)
160 mM (NH₄)₂SO₄
25 mM MgCl₂
1% Tween 20