

BUFFERS FOR RESTRICTION ENDONUCLEASE DIGESTION

Low-salt Buffer

10 mM Tris · Cl (pH 7.5)
10 mM MgCl₂
1 mM dithiothreitol

Medium-salt Buffer

50 mM NaCl
10 mM Tris · Cl (pH 7.5)
10 mM MgCl₂
1 mM dithiothreitol

High-salt Buffer

100 mM NaCl
50 mM Tris · Cl (pH 7.5)
10 mM MgCl₂
1 mM dithiothreitol

Buffer for *Sma*I

20 mM KCl
10 mM Tris · Cl (pH 8.0)
10 mM MgCl₂
1 mM dithiothreitol