









Recipe for 750 ml of example buffer

0.1 % (v/v) Triton-X100		7.500 ml	of	10 % (v/v) stock
3 % (w/v) milk powder		22.50 g		
10 mM Tris base (MW: 121.135)		908.5 mg		
50 ug/ml sodium chloride (MW: 58.4425)		641.7 ul	of	1 M stock
1 X ligation buffer		7.500 ml	of	100 X stock
25 mM sodium hydroxide (MW: 39.9971)		749.9 mg		
10 mg/ml carrot pulp		7.500 g		
50 mM calcium chloride (MW: 110.9834)		83.24 ml	of	5 % (w/v) stock

Dissolve in 600ml water. Then adjust pH to 7.2 with hydrochloric acid and make up to final volume