PB/QG (Binding buffer)：3 M guaninidine-thiocyanante, 10 mM Tris-HCl, 5% ethanol (v/v), pH 6.6 (25° C)   
PE (Washing buffer)：100 mM NaCl, 10 mM Tris-HCl, pH 7.5 (25° C) ; add 4 volume ethanol before use.  
  
EB (Elution buffer)： 10mM TRIS –HCL pH 8.5   
  
  
Recipe for plasmid prep：  
  
  
P1: 50 mM Tris-HCl and 10 mM EDTA, Ph 8.0 (25° C)  
P2: 0.2 M NaOH and 1% SDS  
P3: 4 M guanidine hydrochloride and 0.5 M potassium acetate, pH 4.2  
PB (Binding buffer)：5 M guanidine hydrochloride, 20 mM Tris-HCl,38% ethanol，pH 6.6 (25° C)  
PE (Washing buffer)：100 mM NaCl, 10 mM Tris-HCl, pH 7.5 (25° C) ; add 4 volume ethanol before use.  
  
EB (Elution buffer)： 10mM TRIS –HCL pH 8.5