

2% Low Melting Gel

2 g low melting agarose

100 ul 1X TAE

35 ul Ethidium bromide

Place in plastic dish with either tape or rubber stoppers

Place comb in 2nd notch with large clips on end for weight

Pour in cold room

Run in dish in large electrophoresis apparatus

Cut out band (has to be 600 ul or less volume)

Place in 2 ml tube

Place tube in 65C bath for 20 min (should be consistency of water)

Add 1 ml resin solution

Mix by inversion 10-20X

Pipette to column (plasmid prep with 3 ml syringe)

Push through gently

Add 2 ml column wash solution

Push through gently

Spin column in 1.5 ml tube for 20 sec at 12,000 g to dry resin

Add 50 ul of 60C TE or H₂O

Let sit for 1 min

Spin 20 sec at 12,000 g