**SOC Medium (any volume)**

Add per mL SOB medium:

 5 µL 2 M MgCl2

 10 µL 2 M Glucose

**2 M MgCl2 (50 mL) (Protection glasses!!!)**

CAREFULLY dissolve 9.5 g MgCl2 (M8266-1KG Sigma) in 40 mL distilled water

Add distilled water to a final volume of 50 mL

Fill into a 125 mL bottle, and autoclave

**2 M Glucose (50 mL)**

Dissolve 18 g of Glucose (G5767-500G Sigma) in 30 mL distilled water

Add distilled water to a final volume of 50 mL

Fill into a 125 mL bottle, and autoclave