

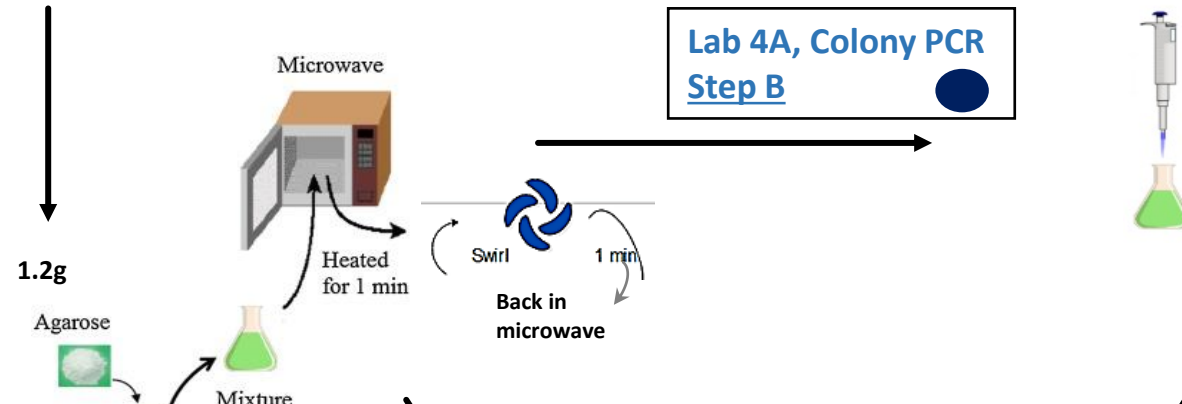
# Making Agarose Gels

**Lab 1.2: Step A 0.8% gels** ▲

**Lab 4A and Colony: Step A 0.8 % gels** ●

**Lab 1.2: no SyberSafe®** ▲

**Lab 4A and Colony PCR: add SyberSafe®** ●



**Lab 4A, Colony PCR Step B** ●



Add 15µL SyberSafe® to 150mL of 1X SB or 1µL to 10mL of 1X SB Gently swirl

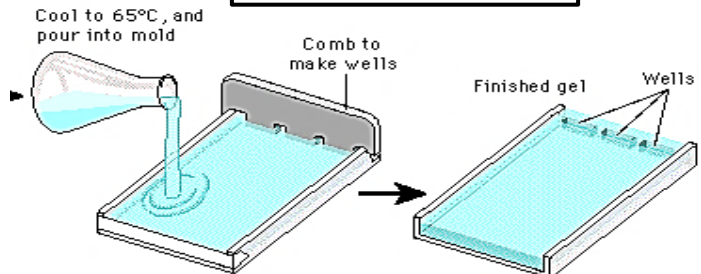
150mL 1X Sodium Borate buffer

**Lab 1.2: Step B** ▲

**Lab 4A/Colony PCR: Step C** ●

Let the solution cool down to about 60 °C at room temperature.

(30mLs of agarose per plate; ~ 5 gels per flask for lab 1.2 and 4A and Colony PCR.



**Running Buffer for all labs:**  
**1X Sodium Borate;**  
**ie: 10 mL 20X SB to 190 mL dH<sub>2</sub>O**