



## BACTERIAL CROWDING – UPO Sevilla

QUALITATIVE

AGAR SOFT PLATES

**1. Prepare the soft agar follow this way:**

a) Mix and autoclave (for 1 liter; makes ~ 40 plates):

Difco Bacto-Agar..... ~2-3 gm

NaCl ..... 5 gm

H<sub>2</sub>O ..... 1000 ml

b) After autoclaving, cool to 60°C and add required amino acids, succinate, antibiotics (use at one-half the concentration used in solid plates and liquid media).

**3. Mix vigorously and pour 20-25 ml/plate (10 cm diameter plates); allow plates to harden for at least 4 hours at room temperature before use.**

**4. Using minimal swarm plates, to insert a colony into the agar and then incubate it at 30°C.**