Space Media 1 Liter

Ingredients Tools

1 L of filtered water 2 L “bowl”

3 g of sugar Two 1L glass bottles for autoclave

2.3 g of LS salts Scale tools

10 g Phytogel, divided into 5g per autoclave bottle 20 square dishes & 20 round

50ml falcon tube (for pouring)

Steps

Making Agar

1. Measure 1 L of water into bowl
2. Place bowl on magnetic mixer with magnet in bowl, turn it on
3. Measure and add sugar
4. Measure and add LS salts
5. Turn off mixer, divide 1 L into two 500 mL portions, pour each into a glass bottle
6. Add Phytogel, 5 g to each bottle
7. Label bottles with autoclave tape, place in autoclave, shut door completely
8. SAFETY: STEP AWAY FROM LEFT SIDE OF DOOR
9. Set to 30 min, press start
10. Wash dishes, measuring cylinders, etc… while waiting
11. Once done, remove bottles with autoclave gloves and allow to cool slightly
12. Place bottles in oven and prepare to pour

Pouring

1. Prepare hood
2. Spray dishes, bottles and measuring tube with alcohol
3. Place dishes, bottles and measuring tube inside
4. Open dishes, keep the bag inside to use when finished
5. NOTICE: MAKE SURE YOU WILL POUR INTO BASE, NOT LID
6. Pour 35 mL into square and 20-25 mL into round. Make sure entire base is covered
7. Once agar is set, close dishes and place back into bags, tape closed, remove bags
8. Wash dishes

Realize people like when you wash your dishes, then continue to do this for the rest of your life