

Microbiology 2022

Updated
2022-06-15

STATUS	
Total Tasks	21
Completed Task	0
% completion	0.00%
Is everything good to go?	Getting there

Item Type	Where to purchase	Links	Yes/No
Monday @Home Experiment: Hand Washing			
Tuesday @ Home Experiment: Mask/No Mask, Why 2ft Physical distance?			
Equipment			
Medium size cooking pot	Household item		
Weighing scale to measure up to 45 g (optional)	DO NOT buy, use only if you already have it at home		
Alternatively: you can use measuring teaspoons (7g=1.4tsp, 5g=1tsp)	household item. Purchase at any grocery store, Dollarama, Walmart		
Long wooden/silicone cooking spoon	Household item.		
Scissors	Household item.		
Stove to heat up the contents in cooking pot	Household item.		
Large baking tray/Cookie sheet	Household item.		
Ruler	Household item.		
Sharpie/Marker	Household item.		
Measuring cup to measure 250mL	Household item.		
Measuring tape	Household item.		
Paper clip	Household item.		
Alcohol swabs, or sanitizer	Household item.		
Tuesday ONLY: Non medical mask, the one you wear during the COVID19 pandemic will suffice.	essential item, no need to purchase new ones		
Supplies: Purchase either Option 1, 2, or 3. Do not purchase all 3.			
Option 1 (Household/grocery items)			
100% Gelatine: preferred brand is KNOX The original Gelatine, unflavoured. 42 g needed	NoFrills, Walmart	Walmart	
>>> Alternatively: you can purchase Agar. 42 g needed	local grocery stores, Bulk Barn		
>>> Alternatively: you can purchase vegetarian Jello, 2 packets.	local grocery stores		
Beef Broth: preferred brand is the regular Campbells beef broth, but can be any brand. Preferably low-sodium or no sodium. 750mL minimum needed	local grocery stores, common household item.		
>>> Alternative #1 to beef broth: chicken broth (low sodium)	local grocery stores, common household item.		

Item Type	Where to purchase	Links	Yes/No
>>> Alternative #2 to beef broth: vegetable broth (low sodium)	local grocery stores, common household item.		
One of the following:			
1) Soap (any Liquid or Solid)	common household item, any local drugstore, grocery store		
2) Antibacterial soap, if you do not have it just use regular soap	common household item, any local drugstore, grocery store		
3) Hand sanitizer(any brand/ concentration you have at home)	common household item, any local drugstore, grocery store		
6 pieces of Saran wrap or medium sized zip lock bag, large enough to hold the entire plastic cup	local grocery stores, common household item.		
Paper Towel, disposable (eg. Bounty)	common house hold item, local grocery store		
Petri dishes: CHOOSE ONLY one of the following	See below on 3 different ways you can make household petri dishes		
<u>A (Condiment cups)</u> 20 pcs of 2oz condiment cup, 2in diameter	NoFrills, Walmart		
<u>B (Plastic cups)</u> 20 Clear Plastic Cup, 250mL minimum, and minimum 2in in diameter (clear cups are ideal, but if you cannot find any or already have some colored ones at home, you can use them as well)	NoFrills, Walmart		
<u>C (Tupperware)</u> 20 pcs of glass or plastic round tupperware containers. Extra small in size.	Common household item		

Option 2 (complete kit from Amazon)			
Nutrient Agar Kit, make sure it has 20 plates	Amazon (available on both canadian and USA sites)	Amazon-USA Amazon-CAN	

Option 3 (for local students in Greater Toronto Area)			
Nutrient Agar Kit, \$35 CAD. MUST pickup from UofT's downtown St. George campus	Contact med.yisp@utoronto.ca to place order		