

Microbiology 2021

Updated

2021-06-21

STATUS		Alex
Total Task		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 40 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 or Option 2, Do not purchase both			
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, Bulkbarn		
>>> 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.		
>>> Alternative #2 to beef broth: vegetable broth (low sodium)	local grocery stores, common household item.		

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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 household item, local grocery store		
Petri dishes: One of the following	See below on 3 different ways you can make household petri dishes		
<u>Alternative 1 (Condiment cups)</u> 15x of 2oz condiment cup, 2in diameter	NoFrills, Walmart		
<u>Alternative 2 (Plastic cups)</u> 15 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>Alternative 3 (Tupperware)</u> 15 glass or plastic round tupper ware containers. Small in size.	NoFrills, Walmart		
Option 2 (complete kit from Amazon)			
Nutrient Agar Kit	Amazon (available on both canadian and USA sites)	Amazon-USA	
		Amazon-CAN	