



University of Melbourne iGEM 2014 Lab Procedure

Procedure	Name:	F4V1 Autoclaving Materials (small autoclave)		
	Version:	1		
	Description:	How to autoclave materials		
	Trigger:	Use this procedure when there are a few smaller items that need to be autoclaved		
Last updated	Name:	Robyn	Date:	22.8.14
You will need	Time:	1.5 to 2 hours		
	PPE:	Gloves Lab coat		
	Equipment:	Small Autoclave in next lab		
	Materials:	Autoclave tape Foil		
NOTE: You must book the autoclave in advance. Use the diary on desk near the autoclave and book out at least 2 hours for iGEM. Be sure you have the right date.				
Step 1	<p>For bottles with lids to be autoclaved:</p> <ol style="list-style-type: none"> 1. Screw the lid on tight 2. Unscrew the lid half a turn so that the lid is loose enough to let air in and out of the bottle. 3. Put a strip of autoclave tape across the lid. <p>For flasks or other containers without lids:</p> <ol style="list-style-type: none"> 1. Cover the top with foil 2. Secure it with a strip of autoclave tape. 			
Step 2	Place the materials to be autoclaved into the autoclave tray with an autoclave strip.			
Step 3	Close the door and secure it with the pin			
Step 4	Turn the handle to the right to tighten the doo as tight as you can			
Step 5	Flip the switch on the bottom of the door to “Sterile”			
The process takes a couple of hours and the machine will beep when it’s complete				
Step 6	Turn the switch to off (NOT dry)			
Step 7	Check that the pressure has returned to zero			
Step 8	Unscrew the door by turning the handle to the left – it will be tight.			
Step 9	Remove the pin and open the door			
Step 10	Remove the items from the tray			
Step 11	Check the autoclave tape has changed colour. If not you will have to run the process again.			
Version history	First version created by Robyn 22/8/14			