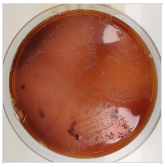

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protocol to use the anaerobic workstation

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ABSTRACT

this is a self written protocol to use the anaerobic hood

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MATERIALS TEXT

pre-reduced plates, samples, tissues, discard box, oxivir wipes, loops, tips, etc

SAFETY WARNINGS

Do not begin your work if the pressure for either or both of the gases is below 50 bars

BEFORE STARTING

1.Check if pressure for both the gases is okay
2 .wipe one's gloves with ethanol
3. make sure that all the required materials are either already in or one is taking them inside when one enters the chamber

entering the chamber

1 Optional- Open the side chamber from its front door and put in the tray with the materials one wants to take inside,

close the front door. Also, make sure that the other materials one needs are already inside

2 Switch on the light, and the foot control device. Also, select the option of side chamber gassing if one performs step 1. The side chamber becomes anaerobic in 4 to 5 minutes, and the bar on the screen indicates it (both boxes become green). If one wants to take tiny objects inside, one can also use the glove door sleeves or small pass tray.

3 Now, enter the hood by inserting one's hand in the gloves sleeves, make sure one is already wearing their own gloves by this time. The glove door locks are still closed. Perform the vacuum/gas cycle, using the foot control 3 times, and only then open the glove door locks.

working in the chamber

4 Now that one is inside, wipe the surface with the wipes. Open the side chamber by pressing the blue button only once (the button is on the right wall). Take the tray inside and unload one's materials, if the tray is too heavy to pull, use the white curved pulling rod to pull it in. Close the door by pushing the blue button continuously.

5 At this stage, one can begin their work.

6 After one is done, wipe the working area with oxivir wipes. One can use the side chamber tray to take out any waste or any material that should not lie inside the chamber, **but remember to close the side chamber door.**

exiting the chamber

7 To get one's hands out of the hood, gently pull the hands back **(but do not pull them out of the hood at this stage!)**, lock the glove door using the screw knobs, **check its lock by pushing the door gently and pull out one's hands.**

8 Once completely out, switch off the foot control. Open the black plastic knobs of the glove door to again to check if the screw knobs are locked properly.

9 Take the tray out of the side chamber by opening its front door and close the door by tightening the knobs. Dispose of the waste. Check all the black knobs on the hood before leaving, their vertical orientation indicates they are closed properly.

10 Make the entry on the clipboard. Mention one's initials, working time, pressure of both gases, etc.

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