

Cleaning u-Flux Flow Cell

Beginning of the day cleaning and equilibration procedure (Before you start):

1. Make sure all valves are closed
2. Make sure there is no pressure currently applied to the syringes, Press Vacuum on the uFlux control to release any pressure applied.
3. Remove any residual fluids left in the syringes.
4. Fill the syringes with 2 mL of Milli-Q. Always fill with the pipette tip against the syringe's bottom side to avoid trapping air bubbles at the bottom.
5. Flush ~1 mL of Milli-Q water by adjusting the pressure to 1.8-2 Bar and opening all valves.
6. Stop the flow by venting the uFlux and closing all the valves.
7. Add 100 μ L of sodium thiosulfate (0.5 M) to the remaining 1.0 ml of milli-Q water and mix well by pipetting up and down several times to each syringe and flush the system with a minimum of 0.5mL (sodium thiosulfate will neutralize any remaining bleach in the flow cell and tubing).
8. With a 1mL pipet, rinse the walls of the syringe with milli-Q water and then pipet out the rinsing volume.
9. Add 2 ml of fresh milli-Q water to each syringe and flush for 1 mL.
10. Remove remaining fluid and add 1.5 mL PBS or your preferred reaction buffer.
11. Flush for 1 ml to equilibrate the flow cell.