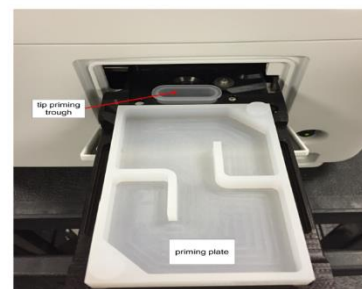


Dual reagent injector Protocol,

Priming the system with the reagent or dispensing fluid

- 1) Place the tip priming trough in the rear pocket of the plate carrier
- 2) Place the priming plate on the plate carrier
- 3) Insert the inlet tubes into the bottles with dispensing fluid
- 4) GEN5 software select System>Instrument Control>Synergy Neo2
- 5) Click prime tab, select dispenser 1 and set volume to 5000 uL and click Prime
- 6) When finish carefully remove the priming plate and empty it



Run a dispense protocol

Make sure the tip priming trough is in the plate carrier!

Create a dispense protocol in Gen5

- 1) Add a dispense step
- 2) Select dispense 1
- 3) Set tip priming before this dispense step and volume to
 - a. The dispense volume > 20 uL, Tip priming volume = 20 uL
 - b. The dispense volume < 20 uL, same volume as the dispense volume
- 4) Set the dispense volume and rate
 - a. Dispense volume 5 – 1000 uL
 - b. Rate 225, 250, 275, 300 uL/sec
- 5) Click OK

Cleaning

- 1) Cleaning the system with water
 - a. Place the tip priming trough in the rear pocket of the plate carrier
 - b. Place the priming plate on the plate carrier
 - c. Insert the inlet tubes into the bottles with water
 - d. GEN5 software select System>Instrument Control>Synergy Neo2
 - e. Click prime tab, select dispenser 1 and set volume to 5000 uL and click Prime
 - f. When finish carefully remove the priming plate and empty it
 - g. Repeat the process for Dispenser2
- 2) Purge the fluid from the system
 - a. Place the inlet tubes in empty bottles or a beaker
 - b. Select System> Instrument Control > Synergy Neo 2
 - c. Click the prime tab and select dispenser 1
 - d. Set the volume to 2000 uL and click purge
 - e. When the Purge is complete, repeat the process for dispenser 2