**Intact Glucosinolate 96 Well plate extraction:**

1. Add Sephadex DEAE A-25 to each well of the filter plate using the filter plate column loader.
   1. Pour Sephadex onto column loader.
   2. Use scraper to make sure that all wells are full.
   3. Put plate on top of column loader.
   4. Turn over plate and column loader and tap on bottom to release sephadex.
   5. Add 300 ul of water to each well and let sit for one hour.
   6. Spin out water by placing plate on top of deep well 96-well plate.
   7. Centrifuge for 2 minutes at 1000 rpm.
2. Add 6 leaf disks or one leaf to each tube of the 96 well plate containing 400ul 90 % MeOH and 1 ball bearings.
3. Shake in paint shaker for 3 min.
4. Incubate at RT for 1 hour.
5. Centrifuge 15 min 3200rpm at room temperature
6. Transfer 150 ul supernatant to the 96 well filter plate containing Sephadex.
7. Place filter plate on a deep well 96-well plate and centrifuge 3 min at 1200 rpm at Room Temperature.
8. Discard Flow through.
9. Add 150 uL 90% MeOH to the filter plate.
10. Place filter plate on a deep well 96-well plate and centrifuge 3 min at 1200 rpm at Room Temperature.
11. Discard Flow through.
12. Add 150 uL water to the filter plate.
13. Place filter plate on a deep well 96-well plate and centrifuge 3 min at 1200 rpm at Room Temperature.
14. Discard Flow through.
15. Add 10 uL of Sulfatase and 100 ul of Water to the filter plate. (Make this by adding one tube of sulfatase to 10 mL of H2O).
16. Place filter plate in dark with a lid on top of it for overnight sulfatase incubation.
17. Next day – Place filter plate on shallow well 96 well plate that will be used for HPLC.
18. Centrifuge 3 min at 1200 rpm at Room Temperature.
19. Place seal on top of 96 well plate containing the sample and store at 4C until analysis.