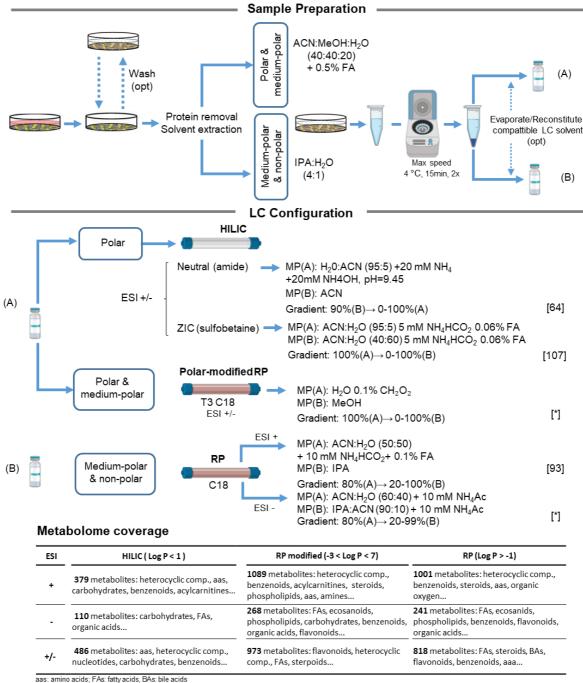
Figure S8. Recommended protocol and technical aspects for adherent cells

ADHERENT CELLS



Tips

- Ideally adjust extraction volume to cell number or packed cell volume, plan ahead to have 1 replicate per condition
- Perform the optional wash step only if contamination from media metabolites is relevant.
- Once the media is removed work as quickly as possible to prevent alterations in the metabolome, ideally process a max of 6 samples at a time until the step where the extraction solvent is added.
- 500 µL of extraction solvent are enough to cover the surface of a 6-well plate and usually further sample concentration is not
- Use ice-cold extraction solvent, and incubate 5 min on ice to favor cell lysis while preventing enzymatic metabolite degradation.
- The cell monolayer can be scraped and transferred to the Eppendorf tube together with the supernatant metabolite extract.
- Centrifuge at least 2x at max speed at 4 °C to ensure that no cell debris is transferred to the HPLC vial.
- [*] Recommended conditions based on our experience