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| 實驗名稱 | | |
| Metabolites extraction for cell | | |
| 實驗目的 | | |
| 萃取細胞樣品中代謝物 | | |
| 實驗原理 | | |
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| 實驗步驟 | 操作注意事項 | 藥品存放位置 |
| 1. Cells with controlled number and were washed with PBS twice. | | |
| 2. Centrifuge at 200 rcf for 5 min to remove PBS | 離心完儘速處理 | |
| 3. Add 500µl ice MeOH and vortex with GenoGrinder at 1000 rpm for 2 min and then put on ice for 5 min | | |
| 4. Add 500µl ice water and vortex with GenoGrinder at 1000 rpm for 2 min and then put on ice for 5 min | | |
| 5. Centrifuge at 15,000 rcf for 5 min | | |
| 6. Collect supernants into 1.5-ml eppendorf | *亦可以直接過濾上機 | |
| 7. Dried with SpeedVac overnight | SpeedVac 操作詳見儀器 面板上之手冊 | |
| 8. Dried residues were stored at -80 freezer until later analysis | | |
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備註:

1. 回溶 solvent 種類體積可以依照實驗需求目的不同而定