

<b>實驗名稱</b>		
<b>Metabolites extraction for cell</b>		
<b>實驗目的</b>		
萃取細胞樣品中代謝物		
<b>實驗原理</b>		
<b>實驗步驟</b>	<b>操作注意事項</b>	<b>藥品存放位置</b>
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		

**備註:**

1. 回溶 solvent 種類體積可以依照實驗需求目的不同而定