

# 質譜分析服務申請表 MS Service Request Form

## 申請者資料 Client Information

編號		收件者
收件日期		

實驗室主持人 PI name		實驗室主持人簽章 PI signature	
單位名稱 Dept.		申請日期 Date	
聯絡人 Contact Name		聯絡電話 Tel	( )
E-mail		校內/計畫編號(收據/發票)/ 校外/統一編號(發票)	

發票郵寄地址 Address :

本表單蒐集之個人資料僅限於本項服務業務所需之聯繫使用，非經當事人同意絕不轉做其他用途，亦不會公布任何資訊，並遵循本校資料保存與安全控管辦理。當事人同意後簽名。

當事人簽名：\_\_\_\_\_ (請親簽) 年 月 日

## 樣品特性敘述 Sample information

樣品名稱或代碼 Sample name	樣品數量	所屬物種 Taxonomy (genus/species)

樣品來源 sample source :  動物 Animal ( Tissue  Culture cell  Serum)  植物 Plant  微生物 Microorganism

樣品狀態 sample status :  固態粉末 Powder  水溶液 Solution  膠體 Gel (Gel photograph  Y  N)

是否含鹽類 salt containing?  No  Yes: \_\_\_\_\_

是否含有清潔劑 Detergent containing?  No  Yes:  SDS  Triton-100X  Others: \_\_\_\_\_

### 蛋白質/胜肽類樣品 Protein / Peptide sample

1. 種類 sample type ---  protein  peptide

2. 染色方式 stain method ---  Coomassie blue stain  Silver stain  Others: \_\_\_\_\_

3. 估計分子量 approximate mass \_\_\_\_\_ kDa

4. 蛋白質含量 protein content \_\_\_\_\_  μg  mM

5. 可能修飾基 variable modification: \_\_\_\_\_

6. 水溶液樣品之溶劑種類 main solvent of liquid sample: \_\_\_\_\_

### 小分子化合物定量 Small molecule quantification

1. 目標物分子量 Target monoisotopic mass \_\_\_\_\_

2. 請提供目標物分子式、結構式、標準品 Stock 1mg/ 原液 20 μl 以上，及相關參考文獻。Please provide the target compound's molecular formula, chemical structure, a minimum of 1 mg (powder) or 20 μL (stock solution) of the standard, and relevant references.

### 小分子化合物定性 Small molecule identification

1. 檢測目標/數量 Detection Target / Amount :

正離子 Positive Ion /

Top 10  Top: \_\_\_\_\_

負離子 Negative Ion /

Top 10  Top: \_\_\_\_\_

請說明樣品處理方式 Please describe the sample preparation method :

### 揮發性化合物鑑定 Volatile Compound analysis

1. 樣品狀態 sample status :  液態 Liquid  氣態 Gas

2. 是否需要 SPME 濃縮/萃取 SPME Concentration/Extraction :  Y  N

樣品儲存 Sample Storage  -20°C (default)  4°C  室溫 RT  其他 other: \_\_\_\_\_

申請者備註 User's message about the sample (請詳述任何有助於分析的資料)

- ※ 本實驗室不接受放射性樣品及毒性樣品。 We do not accept radioactive samples and toxic samples.
- ※ 請盡量降低鹽類含量，尤其不可含有磷酸鹽和清潔劑。樣品請保存於水或 0.1% formic acid 內。Please try to reduce the salt content, **especially the phosphate and detergent**. Please store the sample in water or 0.1% formic acid.
- ※ 校外單位首次送測，須先完成繳費後，方進行樣品分析。For first-time external clients, sample analysis will commence only after the payment has been completed.
- ※ 本實驗室非國家認證檢驗機構，檢測報告僅供學術研究參考，嚴禁用於法律訴訟、廣告宣傳或商業證明。受限於資源與設備排程，本服務不提供任何形式之複測。申請人提交樣本即表示同意上述條款，並自行負擔樣本代表性之責任。This lab is a non-certified facility. Our results are for academic research use only and are strictly prohibited from being used for legal, promotional, or commercial purposes. Please note that no re-testing services are provided. By submitting this application, you agree to these terms and accept responsibility for the quality and representativeness of your samples.

#	服務項目(使用儀器) Service Item (Instrument)	校內單價(元) (NTD; on-campus)	校外單價(元/未稅) (NTD before tax; off-campus)	數量 Amount	備註 Notes
1-1	胜肽或蛋白質分子量測定 Peptide/ Protein Mass Analysis (MALDI-TOF)	800 /sample	1,500 /sample		提供質譜圖。Mass Spectra & Mass List Provided.
2-1	蛋白質身分鑑定 Protein Identification I (MALDI – TOF)	1,000 /sample	2,000 /sample		提供 Mascot 軟體比對結果。Mascot PMF search results provided.
2-2	蛋白質身分鑑定 Protein Identification II (LC/MS/MS)	2,000 /sample	3,000 /sample		層析梯度 70 分鐘、提供 Mascot 軟體(MS/MS Ion search)結果。70-minute LC gradient / Mascot (MS/MS Ion search) results provided
2-3	蛋白質身分鑑定 Protein Identification III (LC/MS/MS)	3,000 /sample	4,000 /sample		層析梯度 150 分鐘、提供 Mascot 軟體(MS/MS Ion search)結果。150-minute LC gradient / Mascot (MS/MS Ion search) results provided
3-1	正電小分子化合物鑑定 Positive Small Molecule Identification (LC/MS/MS)	2,000 /sample	3,000 /sample		提供正電訊號前 10 強預測化合物、質譜圖。Positive Ion Mode: Top 10 predicted compound identifications and mass spectra provided.
3-2	負電小分子化合物鑑定 Negative Small Molecule Identification (LC/MS/MS)	2,000 /sample	3,000 /sample		提供負電訊號前 10 強預測化合物、質譜圖。Negative Ion Mode: Top 10 predicted compound identifications and mass spectra provided.
3-3	小分子化合物鑑定-增加比對 Small Molecule Identification - Additional Library Matching	500 /10 candidates	500 /10 candidates		前 11 強起每 10 個為單位收費。Charging in units of 10 for every additional 10 items beyond Top 10.
3-4	小分子化合物定量 Small Molecule Quantification (LC/MS/MS)	2,000 /sample	3,000 /sample		提供絕對定量數據。Absolute quantification results provided.
3-5	小分子化合物定量-標準品檢量線 Calibration Curve (LC/MS/MS)	10,000 /std.	15,000 /std.		由使用者提供純度 99%以上標準品，拉 5 個濃度檢量線。User to provide standard with >99% purity for generating a 5-point calibration curve.
3-6	目標物標準品測試 MS Optimization (LC/MS/MS)	1,000 /std.	2,000 /std.		由使用者提供純度 99%以上標準品及相關參考文獻。User to provide standard with >99% purity & relevant references.
4-1	揮發性化合物鑑定 Volatile Compound Analysis (GC-MS)	2,000 /sample	3,000 /sample		提供層析圖及定性化合物清單。Total ion chromatograms and a list of identified compounds will be provided.
5-1	前處理 Pretreatment I	500 /sample	500 /sample		ZipTip 或 SPE 去鹽及濃縮。ZipTip or SPE Desalting & Concentration.
5-2	前處理 Pretreatment II	1,000 /sample	1,000 /sample		Trypsin 酵素水解及去鹽。Trypsin Digestion, ZipTip Desalting, & Concentration.
5-3	前處理 Pretreatment III	1,000 /sample	1,000 /sample		SPME 萃取。SPME Extraction.
6-1	實驗技術諮詢 Consultation	250 / 30 min	500 / 30 min		如數據解釋、軟體使用等，可實體或線上進行。Consultation services (including data interpretation and software training) can be conducted on-site or virtually.
6-2	正式報告 Official Data Report	500 / case	500 / case		提供電子檔。Digital copy only.
6-3	客製化服務 Customized Services				視情況報價收費。Quotation upon request.

※大量送件優惠：一次送件量>10 個 95 折優惠；>20 個 9 折優惠；>30 個 85 折優惠；>50 個 8 折優惠。  
Bulk Submission Discounts: > 10 samples: 5% off; > 20 samples: 10% off; > 30 samples: 15% off; > 50 samples: 20% off.

※自備 column 9 折優惠。10% off if providing your own column.  
※前處理無優惠。No discounts available for pretreatment services.