

Chang Gung University Core Instrument Center

Metabolomics Service Platform - Service & Fee Schedule

Item ID	Service Description	Unit Price (NTD)	Pricing Unit	Remarks & Specifications
S-01	Sample Extraction & Pre-treatment	500	per sample	Includes Folch extraction, LLE, chemical isotopic labeling (CIL), etc. (10% discount for sample size > 20)
U-01	LC-MS Untargeted Profiling	1000	per sample	Includes blank and QC samples; analytical run time < 15 min.
U-02	LC-MS Lipidomic Profiling	1500	per sample	Dual mode (positive & negative ion modes) is NT\$ 2,500 per sample.
U-03	LC-MS Untargeted Instrument Time	1000	per hour	Self-operated collaborative project rate; NT\$ 600/hr for continuous operation > 72 hours.
U-04	Metabolite ID Verification (LC-MS/MS)	5000	per case	Covers up to 10 candidates. NT\$ 500 per additional ID. Client must provide standards.
T-01	MS Optimization for Target/Standard	1000	per standard	LC-MS/MS optimization. Client provides standards and references.
T-02	Targeted Metabolite Quantification	500	per hour	Absolute quantification on LC-MS/MS.
T-03	Standard Calibration Curve Setup	10000	per standard	5-point calibration curve. Client provides high-purity standards (> 99%).
Targeted Assay Panels				
T-04	Bile Acid Profiling Panel	2500	per sample	Quantification of 17 bile acids. (Min. batch: 10 samples)
T-05	Glycolysis & TCA Cycle Panel	2000	per sample	Relative quantification of 18 intermediates. (Min. batch: 10 samples)
T-06	Short-Chain Fatty Acid (SCFA) Panel	2100	per sample	Quantification of 10 SCFAs. (Min. batch: 10 samples)
T-07	Acylcarnitine Panel	2000	per sample	Quantification of 15 acylcarnitines. (Min. batch: 10 samples)
T-08	Choline & Metabolites Panel	2000	per sample	Quantification of 4 choline metabolites. (Min. batch: 10 samples)
600 MHz NMR Services				
N-01	NMR Metabolite Screening	1500	per sample	Chemical standards and deuterated solvents are billed separately.
N-02	NMR Single Spectrum Service	1000	per sample	Billed per hour under instrument time if acquisition exceeds 1 hour.
N-03	NMR Instrument Usage Time	500	per hour	NT\$ 500/hr for first 4 hours; NT\$ 200/hr for each additional hour (> 4 hrs).
Customized Analysis & Method Dev				
C-01	LC-MS Method Development	24000	per case	Additional NT\$ 5,000 per target if < 5 targets. Delivery timeline TBD upon discussion.
C-02	LC-UV Quantitative Assay	500	per sample	Executed via Waters UPLC-UV platform.
C-03	Custom Thematic Project	By Quote	-	Tailored workflow based on specific project requirements.
D-01	Consultation & Data Analysis	500	per hour	Minimum billable time is 1 hour.

ver.2026/07/24

General Information & Policy Notes

- Pricing Rates & Tax:** All listed prices are tax-exclusive. A 5% Business Tax (VAT) applies if an official invoice is requested.
- Client Category Multipliers:** Listed rates are for Internal Institutional users. Academic/External Research units: 1.2x rate; Industry/Commercial clients: 2.0x rate.
- Minimum Sample Batch for Targeted Panels (T-04 to T-08):** Minimum billing unit is 10 samples per order. Orders with fewer than 10 samples are billed as 10 samples.
- Instrumentation Platforms:**
 - **Untargeted (U-Series):** Bruker Impact II QTOF LC-MS/MS paired with Agilent 1290 UHPLC system.
 - **Targeted (T-Series):** Sciex Triple Quad 6500+ or Waters Xevo TQS paired with Waters ACQUITY UPLC system.
 - **NMR (N-Series):** Bruker AVANCE III HD 600 MHz NMR Spectrometer.
- Sample Matrices:** Standard matrices include plasma, serum, urine, fecal samples, and cell lysates. Non-standard matrices require prior evaluation.
- Self-Operation & QC Guidelines:** Reserved slots must include pre- and post-run QC checks. Instrumentation maintenance time required due to QC failure will be counted towards user's reserved time.