



FY20 Proteomics & Metabolomics Core (PMC) Services and Fees

Prices will increase by 3% per each fiscal year

The pricing structure listed below is effective as of July 1, 2019. Standard services are listed; minutes refer to gradient time. Unless otherwise noted, pricing includes acquisition of raw LC/MS/MS data, post-acquisition basic database (DB) search, and quantification (where applicable).

Services for the Metabolic Phenotyping Mass Spectrometry (MPMS) unit are also included. For custom projects, please consult the PMC/MPMS Directors for a quote.

Proteomics and Untargeted Metabolomics:

Protein iTRAQ (isobaric tags for relative and absolute quantification)/TMT (tandem mass tags) labeling:

4-plex:	\$742.63
6-plex:	\$1,060.90
8-plex:	\$1,326.13
10-plex	\$1432.22

Protein identification:

LC/MS/MS, DB search, note: does not include sample digestion/preparation)

RP LC/MS/MS (30 min):	\$74.26/run
RP LC/MS/MS (60 min):	\$116.70/run
RP LC/MS/MS (120 min):	\$185.40/run
RP LC/MS/MS (2400 min):	\$318.27/run

Protein identification and mapping of specified post-translational modifications (PTM):

LC/MS/MS, DB/PTM search, note: does not include sample digestion/preparation

RP LC/MS/MS (60 min):	\$116.70/sample
RP LC/MS/MS (120 min):	\$190.96/sample
RP LC/MS/MS (240 min):	\$318.27/sample
Search for specified PTMs:	\$31.83/PTM

Differential protein expression analysis by iTRAQ/PMT (reporter ion quantification):

LC/MS/MS, DB search/quantification, note: does not include sample labeling/preparation

Unfractionated mixture of labeled peptides, 2hr RP-LC/MS/MS:	\$212.18/run
Unfractionated mixture of labeled Peptides, 4hr RP-LC/MS/MS:	\$350.10/run

Differential protein expression analysis by SILAC analysis (precursor ion quantification):

LC/MS/MS, DB search/quantification, note: does not include sample labeling/preparation

Unfractionated mixture of labeled peptides, 2hr RP-LC/MS/MS:	\$212.18/run
Unfractionated mixture of labeled Peptides, 4hr RP-LC/MS/MS:	\$350.10/run

Protein differential expression analysis, MudPIT:

MudPit, DB search, note: does not include sample digestion/preparation;
2hr RP-LC/MS/MS/fraction:

6 (SCX or HpHRP) step fractions	\$159.14
7-12 (SCX or HpHRP) step fractions:	\$153.83
>12 (SCX or HpHRP) step fractions:	\$148.53

Absolute quantification of specified (targeted) proteins (parallel reaction monitoring):

PRM analysis for peptide quantification, note: does not include sample digestion/preparation

LC/MC/MS (30 min)	\$84.87/run
LC/MS/MS (60 min)	\$132.61/run
LC/MS/MS (120 min)	\$212.18/run

Absolute quantification of specified metabolites/small molecules:

LC/MS/MS, post-acquisition analysis, calibration Curve, internal standard, AUC quantification

LC/MS/MS (15 min):	\$18.04/run
LC/MS/MS (30 min):	\$31.83/run

Differential quantification of metabolites – untargeted analysis

LC/HRAM-MS/MS, post-acquisition analysis, HRAM AUC Quantification, MS/MS identification

LC/MS/MS (15 min):	\$31.83/run
LC/MS/MS (30 min):	\$53.05/run

NEW! Volume Discount for PMC Bulk MS runs:

The volume MS “run” discount rate does not include reagents or kits, such as the TMT kit for isobaric labeling, or labor-intensive steps, such as sample processing, but will be applied to MS “runs”.

The below volume discount rate will be applied if samples are submitted simultaneously for processing in bulk*, or after the volume threshold has been met for the current FY.

30-49 MS runs, for a single project:	10% discount, all MS runs
50-99 MS runs, for a single project:	15% discount, all MS runs
100+ MS runs, for a single project:	20% discount, all MS runs

*If samples are submitted piecemeal, then the volume discount will be applied only for those MS runs that exceed the discount threshold. For example, if a PI submits three sets of samples requiring 15, then 10, then 20 MS runs, for a total of 45 MS runs that are completed at different times on separate iLab service requests, then the discount would be applied at MS run #31 onwards.

The Metabolic Phenotyping Mass Spectrometry (MPMS) Unit:
Directed by Michelle Puchowicz, Ph.D., Department of Pediatrics
For unique projects, please request a consultation

Citric Acid Cycle- related intermediates

Metabolite concentrations:	\$100/run
Metabolite enrichments -MPE (2h, 13C):	\$75/run
Both concentration/MPE:	\$150/run
Search for specified PTMs:	Please inquire

Total Protein / Protein Turnover

Via D20 water method:	\$50/run
Tracer infusion method:	\$150/run

Glucose or Glycerol:

Concentrations:	\$50/run
Enrichments -MPE (2H, 13C):	\$35/run
Glucose and Glycerol:	\$100/run

Lipids:

Total fatty acid profile (C10-C18/sat./unsat.):	\$125/run
Fatty acid /Cholesterol:	\$125/run
Isotopomer analysis (MPE):	\$100/run
Sterols special-select	\$80/run
Synthesis- fractional rates (D20 method):	\$150/run

Use of GC-MS/MS by Trained Users (at discretion of the MPMS Director):

Standard-EI mode (60 min):	\$110/run
Extended-CI mode (60 min):	\$150/run
Duplicate runs:	\$50/run

Consultation: \$100/consult

High volume discounts, MPMS:

High-volume discounts will be provided to core users as negotiated with the MPMS Core Director and as approved by the Associate Vice Chancellor for Research-Cores (typically >100 samples).

Academic, External or Commercial Services: Please contact the PMC or MPMS Unit for a quote.