



SAMPLE VOLUME REQUIREMENTS

Sample Type	SCFA Panel (PFBBR)	Bile Acids Panel	Tryptophan/B Vitamins Panel	GCMS Profiling (TMS-MOX)	Custom Targeted Metabolomics	Advanced Data Analysis
Human Fecal	20 mg	20 mg	40 mg	20 mg	20 mg	—
Mouse Fecal Pellet	20 mg	20 mg	40 mg	20 mg	20 mg	—
Mouse Cecal	20 mg	20 mg	40 mg	20 mg	20 mg	—
Serum	50 µL	50 µL	50 µL	50 µL	100 µL	—
Plasma	50 µL	50 µL	50 µL	50 µL	100 µL	—
Culture Supernatant	50 µL	50 µL	50 µL	50 µL	100 µL	—
Tissue Extracts	****	****	****	****	****	—

**** Please discuss tissue extract projects with Dr. Sidebottom prior to submission.****

1. Discuss your project with Ashley Sidebottom, the Director of the HMME, before designing and conducting experiments or collecting samples to ensure high-quality data. The DFI's mission is focused on host-microbe interactions and the project must fall within the scope of the institute to be accepted for processing and analysis.
2. Record the weight or volume of your samples and submit them in either screw-cap or Eppendorf tubes. Do not submit in bead tubes.
3. Check weight and volume of samples to ensure they meet the minimums for submission.
4. Prepare the necessary controls. All submitted samples obtained from a specific medium must be accompanied by a media or matrix blank (EX: media broth blanks, luminal aspirate liquid, etc.).

PRICING

Service	**UIC User**	Uchicago User
SCFA Panel (PFBBR)	\$ 60	\$ 50
Bile Acids Panel	\$ 108	\$ 90
Tryptophan/B Vitamins Panel	\$ 108	\$ 90
GCMS Profiling (TMS-MOX) Panel 1 (≤ 50 metabolites)	\$ 72	\$ 60
GCMS Profiling (TMS-MOX) Panel 2 (51-100 metabolites)	\$ 120	\$ 100
GCMS Profiling (TMS-MOX) Panel 3 (100-170 metabolites)	\$ 150	\$ 125
Custom Targeted and Untargeted Metabolomics	\$ 500/day	\$ 350/day
Advanced Data Analysis	\$ 150/hr	\$ 135/hr

**** UIC User Rates will be subsidized by the CACHET Grant to equal UChicago User pricing****

HOW TO SUBMIT A PROJECT REQUEST

1. Go to the LabLink page: <https://dfihmmfmetabolomics.claritylims.com/lablink/login>
2. Click "Request for a User ID".
3. Fill out all required fields on form and press "Request User ID".
4. Within 24 hours, you will receive an email notification when your ID request has been approved.
5. After approval, login to the LabLink page.
6. Go to the "Resource Materials" tab.
7. Download and fill out the template for the service you are requesting.
*You must fill out the template first or you will not be able to submit your project. Additionally, do not add any additional COLUMNS, COMMAS, or DASHES or your submission will not go through! *
8. Save your template somewhere convenient (i.e. your Desktop).
9. Go back to the LabLink page (Note: make sure you are on the "Projects" tab).
10. Press the "Create" button in the top right corner.
11. Fill out all required fields on the form and press "Continue".
12. Press the "Browse Document" button and select your completed template from step 3.
Skip the "Upload Additional Documents" step unless you are submitting for the TMS/MOX Panel. If so, submit your metabolites requested here.
14. Review all details of your project, and check all boxes in the disclaimer at the bottom of the form. Press "Submit Project" when you are ready.

Contact Dr. Ashley Sidebottom for Experimental and Sample Requirements: ASIDEBOTTOM@BSD.UCHICAGO.EDU