

Application Date: <b>January 1, 2023</b> Requestor's Name: <b>Taro Fujita</b> Affiliated Institution/Laboratory Name: <b>Open Facility Center</b> E-mail: <b>taro.fujita@fujita-hu.ac.jp</b> Extension: <b>0000</b> Funding Source (Billing Address): <b>Department Research Funds</b>	
1. Request Details: <b>Label-free quantification Exercise / Ctrl</b>	
<input checked="" type="checkbox"/> In-Solution Digestion + Measurement <input type="checkbox"/> In-Gel Digestion + Measurement <input type="checkbox"/> Measurement Only	
2. Sample Information    *Please fill out the detailed analysis sample sheet on the next page.	
◆ Number of samples <del>measured</del> : <b>6 (With and without exercise: 2 groups, N=3)</b> ◆ Sample Form: Please fill in the required information by checking <input checked="" type="checkbox"/> . <input type="checkbox"/> Dried sample (Protein amount: _____ μg) Solvent composition and pH before drying: <input checked="" type="checkbox"/> Solution volume: <b>40 to 100</b> μL (Protein concentration: <b>0.5</b> μg/μL) Solvent composition and pH: <b>HEPES-RIPA buffer [20mM HEPES (pH 7.5), ...] + cOmplete EDTA-free + PhosSTOP</b> <input type="checkbox"/> Gel    (*Homemade gels are not acceptable. Please attach an electrophoresis image.) Staining Method: CBB / SYPRO Ruby / Silver (for MS) / Other ( _____ ) ◆ Sample Origin, Species: <b>mouse_liver</b> <input checked="" type="radio"/> Mouse / Rat / Human / Other ( _____ ) ◆ Other / Special Notes (Sample Stability, Storage Method, etc.)  <input type="checkbox"/> If you are requesting <b>measurement only</b> , please <b>also</b> fill out this section. ----- ◆ Sample Preparation Method: An attachment is also acceptable · Digestion Method: <u>In</u> -Solution Digestion / In-Gel Digestion *Homemade gels are not acceptable · Method for Removing Surfactants: · Method for Peptide Cleanup: · Digestive Enzyme: Trypsin / Lys-C / Other ( _____ ) · Alkylation of Cysteine: Yes (Reagent used: _____) / None	
3 Human-derived sample <input type="checkbox"/> (Check if the sample is human-derived)	
Was the experiment approved by the ethics committee of your affiliated institution or department? <input type="checkbox"/> Yes <input type="checkbox"/> Pending (If approved, please provide the committee name and approval number below) Committee Name: _____ Approval Number: _____	
<b>For Office Use Only</b>  Date of Receipt: Preparation Date: Analysis Date: Return Date:	Remarks:     

### Confirmation Items:

- Before requesting Consignment analysis, please make sure to contact us via email ([omics@fujita-hu.ac.jp](mailto:omics@fujita-hu.ac.jp)) before preparing your samples.
- If you are a first-time user, you will need to visit the Omics Analysis Laboratory for a pre-consultation. Please note that we will not be able to analyze samples brought to us without prior consultation.
- Please bring your samples in person. After submitting the analysis report, the remaining samples will be returned or destroyed. We do not store them.
- For protein identification analysis, significant results may not be obtained depending on the amount and condition of the sample. However, as long as some proteins are identified, the analysis itself will be considered valid. Additionally, we cannot be held responsible if the analysis results differ from the expected outcomes anticipated by the requester.
- We will conduct the analysis with the utmost care, but please be aware that there is a possibility of sample damage due to equipment malfunctions. In the event of such damage, we will reanalyze at no additional cost. However, we cannot be held responsible for any disadvantages caused by the damage. Additionally, please submit a sufficient quantity of samples to allow for the possibility of reanalysis.
- We strive to respond promptly to schedule pre-consultations and submit analytical reports, but please note that delays may occur due to staff and equipment availability.
- The preservation of experimental records and the assurance of data quality are strictly conducted according to the standards of our analysis laboratory.
- Please promptly review the contents of the received analytical reports and manage them individually. As a rule, we store data for three years. Furthermore, data that has exceeded this period will be responsibly deleted.
- Please inform us when research results obtained using the analysis from this occasion are to be presented in papers or at academic conferences. Additionally, to promote awareness of our research support, please include a mention of our analysis laboratory in the methods or acknowledgments section, if possible.
- In case of any doubts regarding other matters, we aim for a satisfactory resolution through consultation, but we do not guarantee that we can fulfill all requests from the client.

Thank you for confirming and agreeing to all the above terms.

Please provide your signature: January 1, 2023,

Taro Fujita

### Analysis Sample Sheet

Sample Name/Number, etc. (Name_#)	Molecular Weight (kDa)	Detailed Information and Special Notes on the Sample (Modifications, Purity, Sample Origin, Species, etc.)
Ctrl_1		Mouse_liver, control (no <del>motion</del> exercise)
Ctrl_2		
Ctrl_3		
Ex_1		Mouse_liver, control (with <del>exercise</del> motion)
Ex_2		
Ex_3		

Only single-byte alphanumeric characters and underscores ( \_ ) are valid

[illegible]