

Metabolomics sample analysis Request form

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| PROJECT NUMBER OR NAME: | Ref: |
| DATE: | |
| CUSTOMER INFORMATION | |
| Organisation: | Tel: |
| Address: | Fax: |
| Contact name: | Email address: |
| SAMPLES | |
| Sample Type: | |
| Number of groups: | |
| Number of samples per group: | * 5 samples per group minimum required |
| Sample preparation done prior to delivery: yes <input type="checkbox"/> no <input type="checkbox"/> | |
| ANALYSIS SELECTION | |
| <input type="checkbox"/> <u>Profiling</u> | |
| UPLC-MS analysis of the samples in + and -ESI mode | |
| Statistical analysis of the data (Principal Component Analysis) | |
| Reports containing: | |
| * Chromatograms | |
| * Plots from Principal Component Analysis | |
| * Table of potential biomarkers (retention time and accurate mass of the detected species) and trends | |
| <input type="checkbox"/> <u>Full Analysis - Research Project</u> | |
| Same analysis as for the profiling with additional: | |
| * Possible elemental compositions of the most significant markers | |
| * Tentative identification of the markers (MS/MS analysis - Metabolite Database search) | |
| * Confirmation with standard compounds analysis (if available) | |
| Validation test of the statistical model (PLS-DA analysis - "Test with blind samples") | |
| <input type="checkbox"/> <u>Any specific request can be discussed</u> | |
| Notes: | |