

UNTARGETED METABOLOMICS SERVICES

SERVICE	DESCRIPTION	VOLUME
Untargeted metabolomics by UPLC-FT-MS	Untargeted profiling and relative quantification of known and unknown metabolites by UPLC-MS with 4 LC-MS methods with (+) and (-) ESI detection	100 μ L plasma/serum, 2x10 ⁶ cells or 50 mg tissues
Untargeted metabolomics by UPLC-FT-MS	Untargeted profiling and relative quantification of known and unknown metabolites by UPLC-MS with 2 LC-MS methods with (+) and (-) ESI detection	100 μ L plasma/serum, 2x10 ⁶ cells or 50 mg tissues
Untargeted lipidomics by UPLC-FTMS	Untargeted profiling and relative quantification of lipids in plasma/serum, cells, tissues, plants and bacteria by UPLC-FTMS with (+) and (-) ESI detection	100 μ L plasma/serum, 2x10 ⁶ cells or 50 mg tissues
Lipidomics by MALDI-MS tissue imaging	Various lipids (phospholipids, glycerol lipids, fatty acids, acyl carnitines, etc.) in mammalian and plant tissues by MALDI-FTMS with (+) and (-) ion detection	Whole organs or tissues
Primary metabolites by MALDI-MS tissue imaging	Major sugar phosphates, nucleotides, nucleotide-sugar conjugates	Whole organs or tissues