Quantitative Lipidomics

Quantitative Lipidomics is a high-throughput targeted approach to enable the simultaneous identification and absolute quantitation of thousands of lipids in a single experiment.

High-Throughput
4000+ lipids

High Accuracy
200+ chemical standard
54 internal standards
absolute quantitation

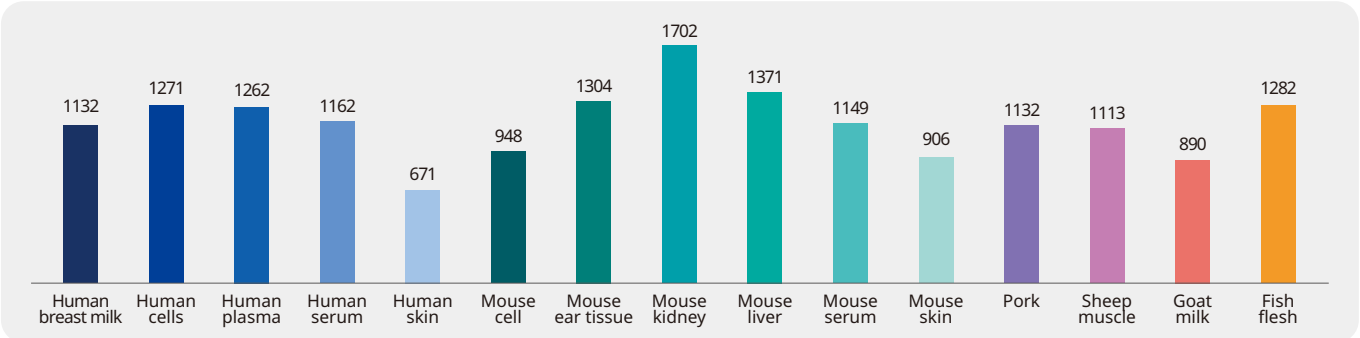
High Sensitivity
pg level

High Reproducibility
data correction

List of Lipids

Number of Lipids		
Class I	**Class II**	**Number**
Fatty Acyls (FA)	CAR, FFA, Eicosanoid, FAHFA	270
Glycerolipids (GL)	DG,DG-O,MG, TG,TG-O,MGDG,DGDG	1015
Glycerophospholipids (GP)	LPC,LPC-O,LPE,LPE-P,LPG,LPS,PC,PC-O,PE,PE-P,PE- O,PG,PS,LPI,PI,LPA,PA,PMeOH,BMP,HMBP,LNAPE	1800
Sphingolipids (SL)	SPH, CerP, HexCer, SM, Cer, Cert	828
Sterol Lipids (ST)	Cho, CE, BA, CASE	122
Prenol Lipids (PR)	CoQ	3
Total	**4000+**	

Project Experience



Number of quantitative lipids detected from various samples.

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