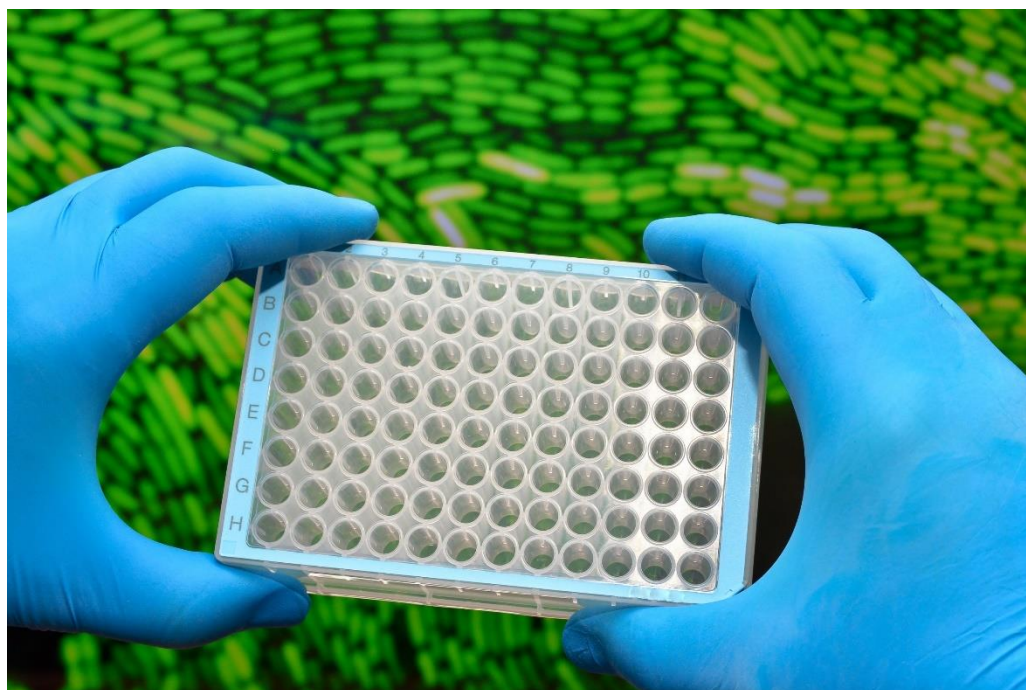


IROA MASS SPECTROMETRY METABOLITE LIBRARY STANDARDS



CONVENIENT 96-WELL FORMAT Easy storage, no glass bottles
Plated to allow row multiplexing for efficient processing

HIGH PURITY and STABLE

Supplied as 5 µg dried weight; plenty of material for multiple injections

MLSDiscovery™ SOFTWARE

Data processing, data collection and data reduction tool creates libraries in hours

Metabolite Library Standards (MLS) Available from IROA

Mass Spectrometry Metabolite Library of Standards (MSMLS) – Our “Flagship” library featuring 600 unique compounds arrayed in seven (7) 96-well plates that span a broad range of primary metabolism; 5 µg per well.

Large Scale Metabolite Library of Standards (LSMLS) - 600 unique compounds arrayed in seven (7) 96-well plates that span a broad range of primary metabolism; 1 mg per well.

Bile Acid Carnitine Sterol Metabolite Library of Standards (BACSMLS) - 96 bile acid, carnitine and sterol metabolites covering key metabolic pathways; 5 µg per well.

Fatty Acid Metabolite Library of Standards (FAMLS) - 96 unique small molecule fatty acid metabolites covering key metabolic pathways; 5 µg per well.

Organic Acid Metabolite Library of Standards (OAMLS) - 96 unique small molecule organic acid metabolites covering key metabolic pathways; 5 µg per well.

Amino Acid/Peptide Metabolite Library of Standards (AAPMLS) – 96 unique metabolites including acetylated, methylated and hydroxy amino acids and dipeptides which are building blocks of proteins in many prokaryotic and eukaryotic organisms; 5 µg per well.

Microbiome Metabolite Library of Standards (GUTMLS) – 185 unique small biochemicals that the gut microbiome produces and interacts with including bacterial, dietary and host xenobiotic metabolites; 5 µg per well.

Phytochemical Metabolite Library of Standards (PHYTOMLS) - 364 unique primary and secondary plant metabolites obtained from consuming diets containing fruits, vegetables, whole grains, legumes, nuts and plant-based beverages; 5 µg per well.

Polyphenol Metabolite Library of Standards (PPMLS) – 80 unique high-quality small biochemicals that have a polyphenol structure (i.e., several hydroxyl groups on aromatic rings). Polyphenols are found in many plant foods including fruits, vegetables, cereals, dry legumes, chocolate, oils, spices and some beverages, including red wine.

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