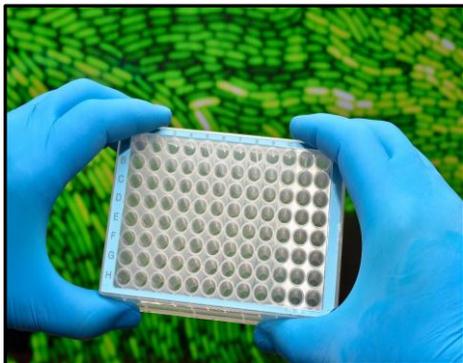


IROA MASS SPECTROMETRY METABOLITE LIBRARY STANDARDS



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.

Mass Spectrometry Metabolite library of Standards (MSMLS) – “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.

Oncometabolite Library of Standards (ONCOMLS) – 96 unique small oncometabolites produced by cancer cells and non-cancer cells that are involved in tumor growth or survival; 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

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foods including fruits, vegetables, cereals, dry legumes, chocolate, oils, spices and some beverages, including red wine; 5 µg per well.

Selected IROA MLS Referenced Peer-Reviewed Publications (over 240 citations recorded)

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