

List of Metabolites: MxP[®] Quant 500 Kit

Alkaloids (1)			
Trigonelline	Trigonelline		

Amine Oxides (1)			
TMAO	Trimethylamine N-oxide		

Amino Acids (20)			
Ala	Alanine	Leu	Leucine
Arg	Arginine	Lys	Lysine
Asn	Asparagine	Met	Methionine
Asp	Aspartate	Phe	Phenylalanine
Cys	Cysteine	Pro	Proline
Glu	Glutamate	Ser	Serine
Gln	Glutamine	Thr	Threonine
Gly	Glycine	Trp	Tryptophan
His	Histidine	Tyr	Tyrosine
Ile	Isoleucine	Val	Valine

Amino Acid Related (30)			
alpha-AAA	α -Aminoadipic acid	c4-OH-Pro	cis-4-Hydroxyproline
AABA	α -Aminobutyric acid	t4-OH-Pro	trans-4-Hydroxyproline
Ac-Orn	Acetylornithine	Kynurenine	Kynurenine
ADMA	Asymmetric dimethylarginine	Met-SO	Methionine sulfoxide
Anserine	Anserine	1-Met-His	1-Methylhistidine
5-AVA	5-Aminovaleric acid	3-Met-His	3-Methylhistidine
BABA	β -Aminobutyric acid	Nitro-Tyr	Nitrotyrosine
Betaine	Betaine	Orn	Ornithine
Carnosine	Carnosine	PAG	Phenylacetyl glycine
Cit	Citrulline	PheAlaBetaine	Phenylalanine betaine
Creatinine	Creatinine	ProBetaine	Proline betaine
Cystine	Cystine	Sarcosine	Sarcosine
DOPA	Dihydroxyphenylalanine	SDMA	Symmetric dimethylarginine
HArg	Homoarginine	Taurine	Taurine
HCys	Homocysteine	TrpBetaine	Tryptophan betaine

Bile Acids (14)			
CA	Cholic acid	GLCAS	Glycolithocholic acid sulfate
CDCA	Chenodeoxycholic acid	GUDCA	Glycoursodeoxycholic acid
DCA	Deoxycholic acid	TCA	Taurocholic acid
GCA	Glycocholic acid	TCDCA	Taurochenodeoxycholic acid
GDCA	Glycodeoxycholic acid	TDCA	Taurodeoxycholic acid
GCDCA	Glycochenodeoxycholic acid	TLCA	Taurolithocholic acid
GLCA	Glycolithocholic acid	TMCA	Tauromurocholic acid

Biogenic Amines (9)			
beta-Ala	β-Alanine	Putrescine	Putrescine
GABA	γ-Aminobutyric acid	Serotonin	Serotonin
Dopamine	Dopamine	Spermidine	Spermidine
Histamine	Histamine	Spermine	Spermine
PEA	Phenylethylamine		

Carbohydrates and Related (1)			
H1	Hexoses (including glucose)		

Carboxylic Acids (7)			
AconAcid	Aconitic acid	OH-GlutAcid	3-Hydroxyglutaric acid
DiCA(12:0)	Dodecanedioic acid	Lac	Lactic acid
DiCA(14:0)	Tetradecanedioic acid	Suc	Succinic acid
HipAcid	Hippuric acid		

Cresols (1)			
p-Cresol-SO4	p-Cresol sulfate		

Fatty Acids (12)			
FA(12:0)	Lauric acid	FA(20:1)	Eicosenoic acid
FA(14:0)	Myristic acid	FA(20:2)	Eicosadienoic acid
FA(16:0)	Palmitic acid	FA(20:3)	Eicosatrienoic acid
FA(18:0)	Stearic acid	AA	Arachidonic acid (FA(20:4ω6))
FA(18:1)	Octadecenoic acid	EPA	Eicosapentaenoic acid (FA(20:5ω3))
FA(18:2)	Octadecadienoic acid	DHA	Docosahexaenoid acid (FA(22:6ω3))

Hormones and Related (4)			
AbsAcid	Abscisic acid	Cortisone	Cortisone
Cortisol	Cortisol	DHEAS	Dehydroepiandrosterone sulfate

Indoles and Derivatives (4)			
Indole	Indole	3-IPA	3-Indolepropionic acid
3-IAA	3-Indoleacetic acid	Ind-SO4	Indoxyl sulfate

Nucleobases and Related (2)			
Hypoxanthine	Hypoxanthine	Xanthine	Xanthine

Vitamins and Cofactors (1)			
Choline	Choline		

Acylcarnitines (40)			
C0	Carnitine	C10:1	Decenoylcarnitine
C2	Acetylcarnitine	C10:2	Decadienoylcarnitine
C3	Propionylcarnitine	C12	Dodecanoylcarnitine
C3-DC (C4-OH)	Malonylcarnitine (Hydroxybutyrylcarnitine)	C12-DC	Dodecanedioylcarnitine
C3-OH	Hydroxypropionylcarnitine	C12:1	Dodecenoylcarnitine
C3:1	Propenoylcarnitine	C14	Tetradecanoylcarnitine
C4	Butyrylcarnitine	C14:1	Tetradecenoylcarnitine
C4:1	Butenylcarnitine	C14:1-OH	Hydroxytetradecenoylcarnitine
C5	Valerylcarnitine	C14:2	Tetradecadienoylcarnitine
C5-DC (C6-OH)	Glutaryl carnitine (Hydroxyhexanoylcarnitine)	C14:2-OH	Hydroxytetradecadienoylcarnitine
C5-M-DC	Methylglutaryl carnitine	C16	Hexadecanoylcarnitine
C5-OH (C3-DC-M)	Hydroxyvalerylcarnitine (Methylmalonylcarnitine)	C16-OH	Hydroxyhexadecanoylcarnitine
C5:1	Tiglylcarnitine	C16:1	Hexadecenoylcarnitine
C5:1-DC	Glutaconylcarnitine	C16:1-OH	Hydroxyhexadecenoylcarnitine
C6 (C4:1-DC)	Hexanoylcarnitine (Fumaryl carnitine)	C16:2	Hexadecadienoylcarnitine
C6:1	Hexenoylcarnitine	C16:2-OH	Hydroxyhexadecadienoylcarnitine
C7-DC	Pimeloylcarnitine	C18	Octadecanoylcarnitine
C8	Octanoylcarnitine	C18:1	Octadecenoylcarnitine
C9	Nonaylcarnitine	C18:1-OH	Hydroxyoctadecenoylcarnitine
C10	Decanoylcarnitine	C18:2	Octadecadienylcarnitine

Lysophosphatidylcholines (14)			
lysoPC a C14:0	lysoPC a C18:0	lysoPC a C20:4	lysoPC a C28:0
lysoPC a C16:0	lysoPC a C18:1	lysoPC a C24:0	lysoPC a C28:1
lysoPC a C16:1	lysoPC a C18:2	lysoPC a C26:0	
lysoPC a C17:0	lysoPC a C20:3	lysoPC a C26:1	

Phosphatidylcholines (76)			
PC aa C24:0	PC aa C36:3	PC aa C42:0	PC ae C36:1
PC aa C26:0	PC aa C36:4	PC aa C42:1	PC ae C36:2
PC aa C28:1	PC aa C36:5	PC aa C42:2	PC ae C36:3
PC aa C30:0	PC aa C36:6	PC aa C42:4	PC ae C36:4
PC aa C30:2	PC aa C38:0	PC aa C42:5	PC ae C36:5
PC aa C32:0	PC aa C38:1	PC aa C42:6	PC ae C38:0
PC aa C32:1	PC aa C38:3	PC ae C30:0	PC ae C38:1
PC aa C32:2	PC aa C38:4	PC ae C30:1	PC ae C38:2
PC aa C32:3	PC aa C38:5	PC ae C30:2	PC ae C38:3
PC aa C34:1	PC aa C38:6	PC ae C32:1	PC ae C38:4
PC aa C34:2	PC aa C40:1	PC ae C32:2	PC ae C38:5
PC aa C34:3	PC aa C40:2	PC ae C34:0	PC ae C38:6
PC aa C34:4	PC aa C40:3	PC ae C34:1	PC ae C40:1
PC aa C36:0	PC aa C40:4	PC ae C34:2	PC ae C40:2
PC aa C36:1	PC aa C40:5	PC ae C34:3	PC ae C40:3
PC aa C36:2	PC aa C40:6	PC ae C36:0	PC ae C40:4

PC ae C40:5	PC ae C42:1	PC ae C42:4	PC ae C44:4
PC ae C40:6	PC ae C42:2	PC ae C42:5	PC ae C44:5
PC ae C42:0	PC ae C42:3	PC ae C44:3	PC ae C44:6

Sphingomyelins (15)

SM (OH) C14:1	SM C18:0	SM (OH) C22:2	SM (OH) C24:1
SM C16:0	SM C18:1	SM C22:3	SM C26:0
SM C16:1	SM C20:2	SM C24:0	SM C26:1
SM (OH) C16:1	SM (OH) C22:1	SM C24:1	

Ceramides (28)

Cer(d16:1/18:0)	Cer(d18:1/18:0(OH))	Cer(d18:1/24:0)	Cer(d18:2/18:0)
Cer(d16:1/20:0)	Cer(d18:1/18:0)	Cer(d18:1/24:1)	Cer(d18:2/18:1)
Cer(d16:1/22:0)	Cer(d18:1/18:1)	Cer(d18:1/25:0)	Cer(d18:2/20:0)
Cer(d16:1/23:0)	Cer(d18:1/20:0(OH))	Cer(d18:1/26:0)	Cer(d18:2/22:0)
Cer(d16:1/24:0)	Cer(d18:1/20:0)	Cer(d18:1/26:1)	Cer(d18:2/23:0)
Cer(d18:1/14:0)	Cer(d18:1/22:0)	Cer(d18:2/14:0)	Cer(d18:2/24:0)
Cer(d18:1/16:0)	Cer(d18:1/23:0)	Cer(d18:2/16:0)	Cer(d18:2/24:1)

Dihydroceramides (8)

Cer(d18:0/18:0(OH))	Cer(d18:0/20:0)	Cer(d18:0/24:0)	Cer(d18:0/26:1(OH))
Cer(d18:0/18:0)	Cer(d18:0/22:0)	Cer(d18:0/24:1)	Cer(d18:0/26:1)

Hexosylceramides (19)

HexCer(d16:1/22:0)	HexCer(d18:1/18:1)	HexCer(d18:1/24:1)	HexCer(d18:2/20:0)
HexCer(d16:1/24:0)	HexCer(d18:1/20:0)	HexCer(d18:1/26:0)	HexCer(d18:2/22:0)
HexCer(d18:1/14:0)	HexCer(d18:1/22:0)	HexCer(d18:1/26:1)	HexCer(d18:2/23:0)
HexCer(d18:1/16:0)	HexCer(d18:1/23:0)	HexCer(d18:2/16:0)	HexCer(d18:2/24:0)
HexCer(d18:1/18:0)	HexCer(d18:1/24:0)	HexCer(d18:2/18:0)	

Dihexosylceramides (9)

Hex2Cer(d18:1/14:0)	Hex2Cer(d18:1/20:0)	Hex2Cer(d18:1/24:1)	
Hex2Cer(d18:1/16:0)	Hex2Cer(d18:1/22:0)	Hex2Cer(d18:1/26:0)	
Hex2Cer(d18:1/18:0)	Hex2Cer(d18:1/24:0)	Hex2Cer(d18:1/26:1)	

Trihexosylceramides (6)

Hex3Cer(d18:1/16:0)	Hex3Cer(d18:1/24:1)	Hex3Cer(d18:1_20:0)	
Hex3Cer(d18:1/18:0)	Hex3Cer(d18:1/26:1)	Hex3Cer(d18:1_22:0)	

Cholesteryl Esters (22)

CE(14:0)	CE(17:0)	CE(20:0)	CE(22:1)
CE(14:1)	CE(17:1)	CE(20:1)	CE(22:2)
CE(15:0)	CE(18:0)	CE(20:3)	CE(22:5)
CE(15:1)	CE(18:1)	CE(20:4)	CE(22:6)
CE(16:0)	CE(18:2)	CE(20:5)	
CE(16:1)	CE(18:3)	CE(22:0)	

Diglycerides (44)			
DG(14:0_14:0)	DG(16:0_20:3)	DG(18:1_18:2)	DG(18:2_18:3)
DG(14:0_18:1)	DG(16:0_20:4)	DG(18:1_18:3)	DG(18:2_18:4)
DG(14:0_18:2)	DG(16:1_18:0)	DG(18:1_18:4)	DG(18:2_20:0)
DG(14:0_20:0)	DG(16:1_18:1)	DG(18:1_20:0)	DG(18:2_20:4)
DG(14:1_18:1)	DG(16:1_18:2)	DG(18:1_20:1)	DG(18:3_18:3)
DG(14:1_20:2)	DG(16:1_20:0)	DG(18:1_20:2)	DG(18:3_20:2)
DG(16:0_16:0)	DG(17:0_17:1)	DG(18:1_20:3)	DG(21:0_22:6)
DG(16:0_16:1)	DG(17:0_18:1)	DG(18:1_20:4)	DG(22:1_22:2)
DG(16:0_18:1)	DG(18:0_20:0)	DG(18:1_22:5)	DG-O(14:0_18:2)
DG(16:0_18:2)	DG(18:0_20:4)	DG(18:1_22:6)	DG-O(16:0_18:1)
DG(16:0_20:0)	DG(18:1_18:1)	DG(18:2_18:2)	DG-O(16:0_20:4)

Triglycerides (242)			
TG(14:0_32:2)	TG(16:0_36:3)	TG(16:1_38:5)	TG(18:0_36:1)
TG(14:0_34:0)	TG(16:0_36:4)	TG(17:0_32:1)	TG(18:0_36:2)
TG(14:0_34:1)	TG(16:0_36:5)	TG(17:0_34:1)	TG(18:0_36:3)
TG(14:0_34:2)	TG(16:0_36:6)	TG(17:0_34:2)	TG(18:0_36:4)
TG(14:0_34:3)	TG(16:0_37:3)	TG(17:0_34:3)	TG(18:0_36:5)
TG(14:0_35:1)	TG(16:0_38:1)	TG(17:0_36:3)	TG(18:0_38:6)
TG(14:0_35:2)	TG(16:0_38:2)	TG(17:0_36:4)	TG(18:0_38:7)
TG(14:0_36:1)	TG(16:0_38:3)	TG(17:1_32:1)	TG(18:1_26:0)
TG(14:0_36:2)	TG(16:0_38:4)	TG(17:1_34:1)	TG(18:1_28:1)
TG(14:0_36:3)	TG(16:0_38:5)	TG(17:1_34:2)	TG(18:1_30:0)
TG(14:0_36:4)	TG(16:0_38:6)	TG(17:1_34:3)	TG(18:1_30:1)
TG(14:0_38:4)	TG(16:0_38:7)	TG(17:1_36:3)	TG(18:1_30:2)
TG(14:0_38:5)	TG(16:0_40:6)	TG(17:1_36:4)	TG(18:1_31:0)
TG(14:0_39:3)	TG(16:0_40:7)	TG(17:1_36:5)	TG(18:1_32:0)
TG(16:0_28:1)	TG(16:0_40:8)	TG(17:1_38:5)	TG(18:1_32:1)
TG(16:0_28:2)	TG(16:1_28:0)	TG(17:1_38:6)	TG(18:1_32:2)
TG(16:0_30:2)	TG(16:1_30:1)	TG(17:1_38:7)	TG(18:1_32:3)
TG(16:0_32:0)	TG(16:1_32:0)	TG(17:2_34:2)	TG(18:1_33:0)
TG(16:0_32:1)	TG(16:1_32:1)	TG(17:2_34:3)	TG(18:1_33:1)
TG(16:0_32:2)	TG(16:1_32:2)	TG(17:2_36:2)	TG(18:1_33:2)
TG(16:0_32:3)	TG(16:1_33:1)	TG(17:2_36:3)	TG(18:1_33:3)
TG(16:0_33:1)	TG(16:1_34:0)	TG(17:2_36:4)	TG(18:1_34:1)
TG(16:0_33:2)	TG(16:1_34:1)	TG(17:2_38:5)	TG(18:1_34:2)
TG(16:0_34:0)	TG(16:1_34:2)	TG(17:2_38:6)	TG(18:1_34:3)
TG(16:0_34:1)	TG(16:1_34:3)	TG(17:2_38:7)	TG(18:1_34:4)
TG(16:0_34:2)	TG(16:1_36:1)	TG(18:0_30:0)	TG(18:1_35:2)
TG(16:0_34:3)	TG(16:1_36:2)	TG(18:0_30:1)	TG(18:1_35:3)
TG(16:0_34:4)	TG(16:1_36:3)	TG(18:0_32:0)	TG(18:1_36:0)
TG(16:0_35:1)	TG(16:1_36:4)	TG(18:0_32:1)	TG(18:1_36:1)
TG(16:0_35:2)	TG(16:1_36:5)	TG(18:0_32:2)	TG(18:1_36:2)
TG(16:0_35:3)	TG(16:1_38:3)	TG(18:0_34:2)	TG(18:1_36:3)
TG(16:0_36:2)	TG(16:1_38:4)	TG(18:0_34:3)	TG(18:1_36:4)

TG(18:1_36:5)	TG(18:2_38:4)	TG(20:1_34:1)	TG(20:4_35:3)
TG(18:1_36:6)	TG(18:2_38:5)	TG(20:1_34:2)	TG(20:4_36:2)
TG(18:1_38:5)	TG(18:2_38:6)	TG(20:1_34:3)	TG(20:4_36:3)
TG(18:1_38:6)	TG(18:3_30:0)	TG(20:2_32:0)	TG(20:4_36:4)
TG(18:1_38:7)	TG(18:3_32:0)	TG(20:2_32:1)	TG(20:4_36:5)
TG(18:2_28:0)	TG(18:3_32:1)	TG(20:2_34:1)	TG(20:5_34:0)
TG(18:2_30:0)	TG(18:3_33:2)	TG(20:2_34:2)	TG(20:5_34:1)
TG(18:2_30:1)	TG(18:3_34:0)	TG(20:2_34:3)	TG(20:5_34:2)
TG(18:2_31:0)	TG(18:3_34:1)	TG(20:2_34:4)	TG(20:5_36:2)
TG(18:2_32:0)	TG(18:3_34:2)	TG(20:2_36:5)	TG(20:5_36:3)
TG(18:2_32:1)	TG(18:3_34:3)	TG(20:3_32:0)	TG(22:0_32:4)
TG(18:2_32:2)	TG(18:3_35:2)	TG(20:3_32:1)	TG(22:1_32:5)
TG(18:2_33:0)	TG(18:3_36:1)	TG(20:3_32:2)	TG(22:2_32:4)
TG(18:2_33:1)	TG(18:3_36:2)	TG(20:3_34:0)	TG(22:3_30:2)
TG(18:2_33:2)	TG(18:3_36:3)	TG(20:3_34:1)	TG(22:4_32:0)
TG(18:2_34:0)	TG(18:3_36:4)	TG(20:3_34:2)	TG(22:4_32:2)
TG(18:2_34:1)	TG(18:3_38:5)	TG(20:3_34:3)	TG(22:4_34:2)
TG(18:2_34:2)	TG(18:3_38:6)	TG(20:3_36:3)	TG(22:5_32:0)
TG(18:2_34:3)	TG(20:0_32:3)	TG(20:3_36:4)	TG(22:5_32:1)
TG(18:2_34:4)	TG(20:0_32:4)	TG(20:3_36:5)	TG(22:5_34:1)
TG(18:2_35:1)	TG(20:0_34:1)	TG(20:4_30:0)	TG(22:5_34:2)
TG(18:2_35:2)	TG(20:1_24:3)	TG(20:4_32:0)	TG(22:5_34:3)
TG(18:2_35:3)	TG(20:1_26:1)	TG(20:4_32:1)	TG(22:6_32:0)
TG(18:2_36:0)	TG(20:1_30:1)	TG(20:4_32:2)	TG(22:6_32:1)
TG(18:2_36:1)	TG(20:1_31:0)	TG(20:4_33:2)	TG(22:6_34:1)
TG(18:2_36:2)	TG(20:1_32:1)	TG(20:4_34:0)	TG(22:6_34:2)
TG(18:2_36:3)	TG(20:1_32:2)	TG(20:4_34:1)	TG(22:6_34:3)
TG(18:2_36:4)	TG(20:1_32:3)	TG(20:4_34:2)	
TG(18:2_36:5)	TG(20:1_34:0)	TG(20:4_34:3)	