

List of Metabolites: the Absolute/DQ® p400 HR Kit

For detailed information on the composition of the sum signals of acylcarnitines, diglycerides, triglycerides, lysophosphatidylcholines, phosphatidylcholines, sphingomyelins, ceramides, and cholesteryl esters please refer to the List of Isomers for the Absolute/DQ® p400 HR Kit.

Absolute/DQ® p400 HR Kit			
Amino Acids (21)			
Ala	Alanine	Lys	Lysine
Arg	Arginine	Met	Methionine
Asn	Asparagine	Orn	Ornithine
Asp	Aspartate	Phe	Phenylalanine
Cit	Citrulline	Pro	Proline
Glu	Glutamate	Ser	Serine
Gln	Glutamine	Thr	Threonine
Gly	Glycine	Trp	Tryptophan
His	Histidine	Tyr	Tyrosine
Ile	Isoleucine*	Val	Valine
xLeu	Leucine + Isoleucine		

* analyzed by additional LC-MS injection in parallel reaction monitoring (PRM) mode

Biogenic Amines (21)			
AcOrn	Acetylornithine	Nitro-Tyr	Nitrotyrosine
ADMA	Asymmetric dimethylarginine	PEA	Phenylethylamine
alpha-AAA	alpha-Aminoadipic acid	Putrescine	Putrescine
Carnosine	Carnosine	Sarcosine	Sarcosine
c4-OH-Pro	cis-4-Hydroxyproline	SDMA	Symmetric dimethylarginine
Creatinine	Creatinine	Serotonin	Serotonin
DOPA	Dihydroxyphenylalanine	Spermidine	Spermidine
Dopamine	Dopamine	Spermine	Spermine
Histamine	Histamine	Taurine	Taurine
Kynurenine	Kynurenine	t4-OH-Pro	trans-4-Hydroxyproline
Met-SO	Methionine sulfoxide		

Monosaccharides (1)			
H1	Hexoses (including glucose)		

Acylcarnitines (55)			
AC(0:0)	Carnitine	AC(4:1)	Butenylcarnitine
AC(2:0)	Acetylcarnitine	AC(4:1-DC)	Fumarylacarnitine
AC(3:0)	Propionylcarnitine	AC(5:0)	Valerylacarnitine
AC(3:0-DC)	Malonylcarnitine	AC(5:0-DC)	Glutarylacarnitine
AC(3:0-OH)	Hydroxypropionylcarnitine	AC(5:0-OH)	Hydroxyvalerylacarnitine
AC(3:1)	Propenoylcarnitine	AC(5:1)	Tiglylcarnitine
AC(4:0)	Butyrylcarnitine	AC(5:1-DC)	Glutaconylcarnitine
AC(4:0-DC)	Methylmalonylcarnitine	AC(6:0)	Hexanoylcarnitine
AC(4:0-OH)	Hydroxybutyrylcarnitine	AC(6:0-DC)	Adipoylcarnitine



AC(6:0-OH)	Hydroxyhexanoylcarnitine	AC(14:1)	Tetradecenoylcarnitine
AC(6:1)	Hexenoylcarnitine	AC(14:1-DC)	Carboxytridecenoylcarnitine
AC(7:0)	Heptanoylcarnitine	AC(14:1-OH)	Hydroxytetradecenoylcarnitine
AC(7:0-DC)	Pimeloylcarnitine	AC(14:2)	Tetradecadienoylcarnitine
AC(8:0)	Octanoylcarnitine	AC(14:2-OH)	Hydroxytetradecadienoylcarnitine
AC(8:1)	Octenoylcarnitine	AC(15:0)	Pentadecanoylcarnitine
AC(8:1-OH)	Hydroxyoctenoylcarnitine	AC(16:0)	Hexadecanoylcarnitine
AC(9:0)	Nonanoylcarnitine	AC(16:0-OH)	Hydroxyhexadecanoylcarnitine
AC(10:0)	Decanoylcarnitine	AC(16:1)	Hexadecenoylcarnitine
AC(10:1)	Decenoylcarnitine	AC(16:1-OH)	Hydroxyhexadecenoylcarnitine
AC(10:2)	Decadienoylcarnitine	AC(16:2)	Hexadecadienoylcarnitine
AC(10:3)	Decatrienoylcarnitine	AC(16:2-OH)	Hydroxyhexadecadienoylcarnitine
AC(11:0)	Dimethylnonanoylcarnitine	AC(17:0)	Heptadecanoylcarnitine
AC(12:0)	Dodecanoylcarnitine	AC(18:0)	Octadecanoylcarnitine
AC(12:0-DC)	Dodecanedioylcarnitine	AC(18:1)	Octadecenoylcarnitine
AC(12:1)	Dodecenoylcarnitine	AC(18:1-OH)	Hydroxyoctadecenoylcarnitine
AC(13:0)	Tridecanoylcarnitine	AC(18:2)	Octadecadienylcarnitine
AC(14:0)	Tetradecanoylcarnitine	AC(19:0)	Nonadecanoylcarnitine
AC(14:0-OH)	Hydroxymyristoylcarnitine		

Diglycerides (18)

DG(32:1)	DG(36:3)	DG(41:1)	DG-O(32:2)
DG(32:2)	DG(36:4)	DG(42:0)	DG-O(34:1)
DG(34:1)	DG(38:0)	DG(42:1)	DG-O(36:4)
DG(34:3)	DG(38:5)	DG(42:2)	
DG(36:2)	DG(39:0)	DG(44:3)	

Triglycerides (42)

TG(44:1)	TG(50:3)	TG(52:6)	TG(54:7)
TG(44:2)	TG(50:4)	TG(52:7)	TG(55:6)
TG(44:4)	TG(51:1)	TG(53:3)	TG(55:7)
TG(46:2)	TG(51:2)	TG(53:4)	TG(55:8)
TG(48:1)	TG(51:3)	TG(53:5)	TG(55:9)
TG(48:2)	TG(51:4)	TG(53:6)	TG(56:6)
TG(48:3)	TG(51:5)	TG(54:2)	TG(56:7)
TG(49:1)	TG(52:2)	TG(54:3)	TG(56:8)
TG(49:2)	TG(52:3)	TG(54:4)	TG(56:9)
TG(50:1)	TG(52:4)	TG(54:5)	
TG(50:2)	TG(52:5)	TG(54:6)	

Lysophosphatidylcholines (24)

LPC(12:0)	LPC(17:1)	LPC(20:2)	LPC(24:1)
LPC(14:0)	LPC(18:0)	LPC(20:3)	LPC-O(16:1)
LPC(15:0)	LPC(18:1)	LPC(20:4)	LPC-O(17:1)
LPC(16:0)	LPC(18:2)	LPC(22:5)	LPC-O(18:0)
LPC(16:1)	LPC(20:0)	LPC(22:6)	LPC-O(18:1)
LPC(17:0)	LPC(20:1)	LPC(24:0)	LPC-O(18:2)

Phosphatidylcholines (172)			
PC(24:0)	PC(36:1)	PC(41:5)	PC-O(34:0)
PC(25:0)	PC(36:2)	PC(41:8)	PC-O(34:1)
PC(26:0)	PC(36:3)	PC(42:0)	PC-O(34:2)
PC(27:0)	PC(36:4)	PC(42:1)	PC-O(34:3)
PC(27:1)	PC(36:5)	PC(42:2)	PC-O(34:4)
PC(28:1)	PC(36:6)	PC(42:3)	PC-O(35:3)
PC(29:0)	PC(37:0)	PC(42:4)	PC-O(35:4)
PC(29:1)	PC(37:1)	PC(42:5)	PC-O(36:0)
PC(29:2)	PC(37:2)	PC(42:6)	PC-O(36:1)
PC(30:0)	PC(37:3)	PC(42:7)	PC-O(36:2)
PC(30:1)	PC(37:4)	PC(42:10)	PC-O(36:3)
PC(30:2)	PC(37:5)	PC(43:2)	PC-O(36:4)
PC(30:3)	PC(37:6)	PC(43:6)	PC-O(36:5)
PC(31:0)	PC(37:7)	PC(44:1)	PC-O(36:6)
PC(31:1)	PC(38:0)	PC(44:3)	PC-O(37:6)
PC(31:2)	PC(38:1)	PC(44:5)	PC-O(37:7)
PC(31:3)	PC(38:2)	PC(44:6)	PC-O(38:0)
PC(32:0)	PC(38:3)	PC(44:7)	PC-O(38:1)
PC(32:1)	PC(38:4)	PC(44:10)	PC-O(38:2)
PC(32:2)	PC(38:5)	PC(44:12)	PC-O(38:3)
PC(32:3)	PC(38:6)	PC(46:1)	PC-O(38:4)
PC(32:4)	PC(38:7)	PC(46:2)	PC-O(38:5)
PC(32:5)	PC(39:0)	PC-O(26:0)	PC-O(38:6)
PC(32:6)	PC(39:1)	PC-O(26:1)	PC-O(40:0)
PC(33:0)	PC(39:2)	PC-O(28:0)	PC-O(40:1)
PC(33:1)	PC(39:3)	PC-O(28:1)	PC-O(40:2)
PC(33:2)	PC(39:4)	PC-O(29:0)	PC-O(40:3)
PC(33:3)	PC(39:5)	PC-O(30:0)	PC-O(40:4)
PC(33:4)	PC(39:6)	PC-O(30:1)	PC-O(40:5)
PC(33:5)	PC(39:7)	PC-O(30:2)	PC-O(40:6)
PC(34:0)	PC(40:1)	PC-O(31:0)	PC-O(40:7)
PC(34:1)	PC(40:2)	PC-O(31:1)	PC-O(40:8)
PC(34:2)	PC(40:3)	PC-O(31:3)	PC-O(42:0)
PC(34:3)	PC(40:4)	PC-O(32:0)	PC-O(42:1)
PC(34:4)	PC(40:5)	PC-O(32:1)	PC-O(42:2)
PC(34:5)	PC(40:6)	PC-O(32:2)	PC-O(42:3)
PC(35:0)	PC(40:7)	PC-O(32:3)	PC-O(42:4)
PC(35:1)	PC(40:8)	PC-O(33:0)	PC-O(42:5)
PC(35:2)	PC(40:9)	PC-O(33:1)	PC-O(42:6)
PC(35:3)	PC(41:1)	PC-O(33:2)	PC-O(44:3)
PC(35:4)	PC(41:2)	PC-O(33:3)	PC-O(44:4)
PC(35:5)	PC(41:3)	PC-O(33:4)	PC-O(44:5)
PC(36:0)	PC(41:4)	PC-O(33:6)	PC-O(44:6)

Sphingomyelins (31)			
SM(30:1)	SM(34:2)	SM(38:3)	SM(42:1)
SM(31:0)	SM(35:1)	SM(39:1)	SM(42:2)
SM(31:1)	SM(36:0)	SM(39:2)	SM(42:3)
SM(32:1)	SM(36:1)	SM(40:1)	SM(43:1)
SM(32:2)	SM(36:2)	SM(40:2)	SM(43:2)
SM(33:1)	SM(37:1)	SM(40:4)	SM(44:1)
SM(33:2)	SM(38:1)	SM(41:1)	SM(44:2)
SM(34:1)	SM(38:2)	SM(41:2)	

Ceramides (9)			
Cer(34:0)	Cer(40:1)	Cer(42:2)	
Cer(34:1)	Cer(41:1)	Cer(43:1)	
Cer(38:1)	Cer(42:1)	Cer(44:0)	

Cholesteryl Esters (14)			
CE(16:0)	CE(17:2)	CE(19:2)	CE(22:5)
CE(16:1)	CE(18:1)	CE(19:3)	CE(22:6)
CE(17:0)	CE(18:2)	CE(20:4)	
CE(17:1)	CE(18:3)	CE(20:5)	

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