

## List of Detectable Metabolites using LC-(ESI)-MS/MS (QTRAP-6500+), Targeted metabolomics

#	Name of Metabolites
1	1-METHYLADENOSINE
2	1-METHYL-HISTIDINE
3	2,3-DIHYDROXYBENZOIC ACID
4	2-HYDROXY-2-METHYLBUTANEDIOIC ACID
5	2-HYDROXYGLUTARATE
6	2-KETO-ISOVALERATE
7	3-METHYLPHENYLACETIC ACID
8	3-PHOSPHOGLYCERATE
9	3-PHOSPHO-SERINE
10	4-AMINO BUTYRATE
11	4-PYRIDOXIC ACID
12	5-METHOXYTRYPTOPHAN
13	6-PHOSPHO-D-GLUCONATE
14	7,8-DIHYDROFOLATE
15	7-METHYLGUANOSINE
16	ACETYLCARNITINE
17	ACETYL-COA
18	ACETYLLYSINE
19	ACONITATE
20	ADENINE
21	ADENOSINE
22	ADENYLOSUCCINATE
23	ADP-D-GLUCOSE
24	A-KETOGLUTARATE
25	ALANINE
26	ALLANTOIN
27	AMINOADIPIC ACID
28	AMINOIMIDAZOLE CARBOXAMIDE RIBONUCLEOTIDE
29	AMP
30	ANTHRANILATE/P-AMINOBENZOATE
31	ARGININE
32	ASPARAGINE

33	ASPARTATE
34	BETAINE
35	BIOTIN
36	CARBAMOYL PHOSPHATE
37	CARNITINE
38	CDP
39	CDP-ETHANOLAMINE
40	CHOLINE
41	CITRACONIC ACID
42	CITRATE
43	CITRULLINE
44	CMP
45	COENZYME A
46	CREATINE
47	CREATININE
48	CTP
49	CYCLIC BIS(3->5) DIMERIC GMP
50	CYCLIC-AMP
51	CYSTATHIONINE
52	CYSTEINE
53	CYSTINE
54	CYTIDINE
55	CYTOSINE
56	dAMP
57	dCDP
58	dCMP
59	dCTP
60	DEOXYADENOSINE
61	DEOXYCHOLIC ACID
62	DEOXYGUANOSINE
63	DEOXYINOSINE
64	DEOXYRIBOSE-PHOSPHATE
65	DEOXYURIDINE
66	D-GLUCARATE

67	D-GLUCONATE
68	D-GLYCERALDEHDYE-3-PHOSPHATE
69	DGMP
70	DIHYDROOROTATE
71	DIHYDROXY-ACETONE-PHOSPHATE
72	DIODOTHYRONINE
73	DIMETHYLGLYCINE
74	DL-PIPECOLIC ACID
75	D-SEDOHEPTULOSE-1-7-PHOSPHATE
76	dTDP
77	dTMP
78	dTTP
79	dUMP
80	dUTP
81	ETHANOLAMINE
82	FAD
83	FLAVONE
84	FOLATE
85	FRUCTOSE-1,6-BISPHOSPHATE
86	FRUCTOSE-6-PHOSPHATE
87	FUMARATE
88	GDP
89	GLUCONO-D-LACTONE
90	GLUCOSAMINE
91	GLUCOSE-1-PHOSPHATE
92	GLUCOSE-6-PHOSPHATE
93	GLUTAMATE
94	GLUTAMINE
95	GLUTATHIONE
96	GLUTATHIONE DISULFIDE
97	GLYCERATE
98	GLYCINE
99	GLYCOLATE
100	GMP

101	GUANINE
102	GUANOSINE
103	HEXOSE-PHOSPHATE
104	HISTIDINE
105	HISTIDINOL
106	HOMOCYSTEIC ACID
107	HOMOCYSTEINE
108	HOMOSERINE
109	HYDROXYISOCAPROIC ACID
110	HYDROXYPHENYLACETIC ACID
111	HYDROXYPHENYLPYRUVATE
112	HYDROXYPROLINE
113	HYPOXANTHINE
114	IDP
115	IMIDAZOLE
116	IMIDAZOLEACETIC ACID
117	IMP
118	INDOLE-3-CARBOXYLIC ACID
119	INDOLEACRYLIC ACID
120	INOSINE
121	ISOCITRATE
122	KYNURENIC ACID
123	KYNURENINE
124	LACTATE
125	L-ARGININO-SUCCINATE
126	LEUCINE/ISOLEUCINE
127	LIPOATE
128	LYSINE
129	MALATE
130	MALEIC ACID
131	METHIONINE
132	METHIONINE SULFOXIDE
133	METHYLCYSTEINE
134	METHYLMALONIC ACID

135	METHYLNICOTINAMIDE
136	MYO-INOSITOL
137	N6-ACETYL-L-LYSINE
138	N-ACETYL-GLUCOSAMINE
139	N-ACETYL-GLUCOSAMINE-1-PHOSPHATE
140	N-ACETYL-GLUTAMATE
141	N-ACETYL-GLUTAMINE
142	N-ACETYL-L-ALANINE
143	N-ACETYL-L-ORNITHINE
144	N-ACETYLPUTRESCINE
145	NAD+
146	NADH
147	NADP+
148	NADPH
149	NG,NG-DIMETHYL-L-ARGININE
150	NICOTINAMIDE
151	NICOTINAMIDE RIBOTIDE
152	NICOTINATE
153	O-ACETYL-L-SERINE
154	ORNITHINE
155	OROTATE
156	PANTOTHENATE
157	PHENYLALANINE
158	PHENYLACTIC ACID
159	PHENYLPROPIOLIC ACID
160	PHENYLPYRUVATE
161	PHOSPHOENOLPYRUVATE
162	PHOSPHORYLCHOLINE
163	P-HYDROXYBENZOATE
164	PROLINE
165	PURINE
166	PYRIDOXINE
167	PYROGLUTAMIC ACID
168	PYRUVATE

169	QUINOLINATE
170	RIBOFLAVIN
171	RIBOSE-PHOSPHATE
172	S-ADENOSYL-L-HOMOCYSTEINE
173	S-ADENOSYL-L-METHIONINE
174	SARCOSINE
175	SERINE
176	SHIKIMATE
177	S-METHYL-5-THIOADENOSINE
178	SN-GLYCEROL-3-PHOSPHATE
179	S-RIBOSYL-L-HOMOCYSTEINE
180	SUCCINATE
181	SUCROSE
182	TAURINE
183	TAURODEOXYCHOLIC ACID
184	THIAMINE
185	THIAMINE PYROPHOSPHATE
186	THIAMINE-PHOSPHATE
187	THREONINE
188	THYMIDINE
189	THYMINE
190	TREHALOSE
191	TRYPTOPHAN
192	TYROSINE
193	UDP
194	UDP-D-GLUCOSE
195	UDP-D-GLUCURONATE
196	UDP-N-ACETYL-GLUCOSAMINE
197	UMP
198	URACIL
199	UREA
200	URIC ACID
201	URIDINE
202	UTP

203	VALINE
204	XANTHINE
205	XANTHOSINE
206	XANTHOSINE-5-PHOSPHATE
207	XANTHURENIC ACID