



# Disorder Panels (Apr 2012)

			Hb+FS+	FS+	FS	MS	Bio6	Bio5	Bio4	Hb+	ACMG
			57	51	49	45	6	5	4	4	
<b>Disorders Screened by Tandem Mass Spectrometry</b>											
<b>A</b>	<b>Fatty Acid Oxidation Disorders</b>		<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>					
1	Carnitine / Acylcarnitine Translocase Deficiency	CACT	•	•	•	•					•
2	3-Hydroxy Long Chain Acyl-CoA Dehydrogenase Deficiency	LCHAD	•	•	•	•					•
3	Medium Chain Acyl-CoA Dehydrogenase Deficiency	MCAD	•	•	•	•					•
4	Neonatal Carnitine Palmitoyl Transferase Deficiency Type II	CPT-II	•	•	•	•					•
5	Very Long Chain Acyl-CoA Dehydrogenase Deficiency	VLCAD	•	•	•	•					•
6	Carnitine Palmitoyl Transferase Deficiency Type I1	CPT-I	•	•	•	•					•
7	2,4-Dienoyl-CoA Reductase Deficiency1	DE-RED	•	•	•	•					•
8	Multiple Acyl-CoA Dehydrogenase Deficiency	GA-II	•	•	•	•					•
9	Short-chain Acyl-CoA Dehydrogenase Deficiency	SCAD	•	•	•	•					•
10	Trifunctional Protein Deficiency	TFP	•	•	•	•					•
11	Short chain Hydroxy Acyl-CoA Dehydrogenase Deficiency	SCHAD	•	•	•	•					•
<b>B</b>	<b>Organic Acid Disorders</b>		<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>					
12	3-Hydroxy-3-Methylglutaryl-CoA Lyase Deficiency	HMG	•	•	•	•					•
13	Glutaric Acidemia Type I	GA-I	•	•	•	•					•
14	Isobutyryl-CoA Dehydrogenase Deficiency	IBG	•	•	•	•					•
15	Isovaleric Acidemia	IVA	•	•	•	•					•
16	2-Methylbutyryl-CoA Dehydrogenase Deficiency	2MBG	•	•	•	•					•
17	3-Methylcrotonyl-CoA Carboxylase Deficiency	3MCC	•	•	•	•					•
18	3-Methylglutaconyl-CoA Hydratase Deficiency	3MGA	•	•	•	•					•
	<b>Methylmalonic Acidemias</b>										
19	Methylmalonyl-CoA Mutase Deficiency	MMA	•	•	•	•					•
20	Some Adenosylcobalamin Synthesis Defects	MUT	•	•	•	•					•
21	Maternal Vitamin B12 Deficiency	CBL A,B/C,D	•	•	•	•					•
22	Mitochondrial Acetoacetyl-CoA Thiolase Deficiency	BKT	•	•	•	•					•
23	Propionic Acidemia	PROP	•	•	•	•					•
24	Multiple CoA Carboxylase Deficiency	MCD	•	•	•	•					•
25	Malonic Aciduria	MAL	•	•	•	•					•
<b>C</b>	<b>Amino Acid Disorders</b>		<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>					
26	Argininemia	ARG	•	•	•	•					•
27	Argininosuccinic Aciduria	ASA	•	•	•	•					•

