

Screened Disorders	Analytes	Referrals	# Confirmed with Disease
Endocrine Disorders			
Congenital Adrenal Hyperplasia	17-hydroxyprogesterone	99	Congenital adrenal hyperplasia - 21-Hydroxylase deficiency 7 Congenital adrenal hyperplasia, other enzyme deficiency 1
Congenital Hypothyroidism	Thyroxine, TSH	496	Primary Congenital Hypothyroidism 87 Secondary Congenital Hypothyroidism 0 Other 219
Hemoglobin Disorders			
Hemoglobin Disorders	Hemoglobin SS	112	Hemoglobin S + S (sickle cell) disease 71
	Hemoglobin SC	62	Hemoglobin S + C disease 44
	Hemoglobin CC	20	Hemoglobin C + C disease 13
	Other Hemoglobins	46	Other Hemoglobinopathies 15
Infectious Disease			
HIV	HIV Antibodies	334	Confirmed by diagnosis developed by the AIDS Institute
Amino Acid Disorders			
Maple Syrup Urine Disease	Leucine	9	Maple Syrup Urine disease 1 Hydroxyprolinemia 0
Homocystinuria	Methionine	4	Homocystinuria 0 Hypermethioninemia 0
Phenylketonuria	Phenylalanine	10	Phenylketonuria (PKU) 5 Hyperphenylalaninemia 2
Tyrosinemia Type I	Succinylacetone	2	Tyrosinemia Type 1 2
Tyrosinemia Type II, III	Tyrosine	2	Tyrosinemia Type 2 0 Tyrosinemia Type 3 0
Fatty Acid Oxidation Disorders			
Carnitine uptake defect	Free Carnitine (C0), Total Acylcarnitines (SUM AC)	27	Carnitine uptake defect (CUD) 3
Carnitine palmitoyltransferase 1 deficiency	C0/(C16 + C18)	2	Carnitine palmitoyltransferase 1 (CPT1) deficiency 0
Carnitine palmitoyltransferase 2 deficiency/Carnitine/Acylcarnitine translocase deficiency	Hexadecanoylcarnitine (C16), Octadecanoylcarnitine (C18:1)	18	Carnitine palmitoyltransferase 2 (CPT2) deficiency 0
2,4-Dienoyl-CoA reductase deficiency	Decadienoylcarnitine (C10:2)	0	2,4-Dienoyl-CoA (2,4Di) reductase deficiency 0
Long-chain 3-hydroxyacyl-CoA dehydrogenase deficiency/Trifunctional protein deficiency	Hydroxyhexadecanoylcarnitine (C16OH), Hydroxyoctadecanoylcarnitine (C18:1OH)	3	Long-chain 3-hydroxyacyl-CoA dehydrogenase (LCHAD) deficiency 0 Trifunctional protein (TFP) deficiency 1
Multiple acyl-CoA dehydrogenase deficiency/Medium-chain acyl-CoA dehydrogenase deficiency/Medium-chain 3-keto acyl-CoA thiolase deficiency	Hexanoylcarnitine (C6), Octanoylcarnitine (C8)	10	Medium-chain acyl-CoA dehydrogenase (MCAD) deficiency 3 Multiple acyl-CoA dehydrogenase (MAD) deficiency - glutaric acidemia type II (GA-II) 0 Medium-chain 3-keto acyl-CoA thiolase (3-KAT) deficiency 0
Very long-chain acyl-CoA dehydrogenase deficiency	Tetradecanoylcarnitine (C14), Tetradecenoylcarnitine (C14:1)	13	Very long-chain acyl-CoA dehydrogenase (VLCAD) deficiency 3

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Short-chain acyl-CoA dehydrogenase deficiency	Butyrylcarnitine (C4)	37	Short-chain acyl-CoA dehydrogenase (SCAD) deficiency	17
			Isobutyryl-CoA dehydrogenase (IBCD) deficiency	3
Medium/short-chain hydroxyl CoA dehydrogenase deficiency	Hydroxybutyrylcarnitine (C4OH), Hydroxyhexanoylcarnitine (C6OH)	0	Medium/short-chain hydroxyl CoA dehydrogenase (M/SCHAD) deficiency	0
Organic Acid Disorders				
Mitochondrial acetoacetyl-CoA thiolase deficiency/2-Methyl-3-hydroxybutyryl-CoA-dehydrogenase deficiency	Tiglylcarnitine (C5:1)	0	Mitochondrial acetoacetyl-CoA thiolase deficiency - beta-ketothiolase (BKT) deficiency	0
			2-Methyl-3-hydroxybutyryl-CoA-dehydrogenase (MHBD) deficiency	0
Glutaryl-CoA dehydrogenase deficiency	Glutarylcarnitine (C5DC)	4	Glutaryl-CoA dehydrogenase deficiency - glutaric aciduria (GA-I)	2
Isovaleryl CoA dehydrogenase deficiency/2-methylbutyryl-CoA dehydrogenase deficiency	Isovalerylcarnitine (C5)	5	Isovaleryl CoA dehydrogenase deficiency - isovaleric acidemia (IVA)	1
			2-Methylbutyrylglycinuria (2MBG) - 2-methylbutyryl-CoA dehydrogenase (2MBCD) deficiency - short/branched chain acyl-CoA dehydrogenase (SBCAD) deficiency	0
3-Methylcrotonyl-CoA carboxylase deficiency/2-Methyl-3-hydroxybutyryl-CoA dehydrogenase deficiency/3-Methylglutaconic aciduria	Hydroxyisovalerylcarnitine (C5OH)	36	3-Methylcrotonyl-CoA carboxylase (3MCC) deficiency	5
			3-Hydroxy-3-methylglutaryl-CoA lyase (HMG) deficiency	0
			2-Methyl-3-hydroxybutyryl-CoA dehydrogenase (MHBD) deficiency - 2-Methyl-3-hydroxybutric acidemia (2M3HBA)	0
			3-Methylglutaconic aciduria (3MGA)	0
Malonyl-CoA decarboxylase deficiency	Malonylcarnitine (C3DC)	1	Malonyl-CoA decarboxylase deficiency - Malonic Aciduria (MA)	1
Propionyl-CoA carboxylase deficiency/Methylmalonyl-CoA mutase deficiency	Propionylcarnitine (C3), Methylmalonylcarnitine (C4DC)	33	Propionyl-CoA carboxylase deficiency (PA)	1
			Methylmalonyl-CoA mutase deficiency (MMA)	1
			Cobalamin A/B deficiency	0
			Cobalamin C/D/F deficiency	1
			Multiple Carboxylase deficiency	0
Urea Cycle Disorders				
Argininosuccinic aciduria/Citrullinemia	Citrulline	6	Argininosuccinic aciduria	0
			Citrullinemia	0
Argininemia	Arginine	0	Argininemia	1
Lysosomal Storage Disorders				
Krabbe Disease	Galactocerebrosidase	16	Krabbe disease possible late onset *	2
Mucopolysaccharidosis Type I	alpha-L-iduronidase	6	MPS 1	0
Pompe Disease	Alpha-glucosidase	17	Infantile-onset Pompe Disease	1
			Possible late-onset Pompe disease	7
Other Genetic Conditions				
Adrenoleukodystrophy	C26:0 Lysophosphatidylcholine (C26:0 LPC)	17	Male with X-linked Adrenoleukodystrophy (X-ALD)	5
			Female carrier of X-ALD	4
			Zellweger Syndrome	0
			Other Peroxisomal Biogenesis Disorder	0
Biotinidase Deficiency	Biotinidase	2	Biotinidase Deficiency	2
Cystic Fibrosis	Immunoreactive Trypsin	106	Cystic Fibrosis	28
Spinal Muscular Atrophy	SMN1 gene, exon 7 deletion	15	Spinal Muscular Atrophy	15
GAMT	Guanidinoacetate	4	Guanidinoacetate methyltransferase deficiency	0
Galactosemia	Galactose Transferase	5	Galactosemia	3
Severe Combined Immunodeficiency (SCID)	T-cell receptor excision circles (TRECS)	153	Classic SCID	3
			Leaky SCID	0
			Variant SCID	1
Total		1732		581

Data based on specimens received before 4/19/21.

* Infants classified as confirmed for Krabbe disease include those at high risk for disease based on confirmatory enzyme activity testing