

ROBERT GUTHRIE BIOCHEMICAL & MOLECULAR GENETICS LABORATORY

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Comprehensive
 Test List
 Page 1 of 4

Pricing Effective July 1, 2009*

Test	Price	CPT Code
■ Acid maltase & neutral maltase	\$175.00	82657, 83912 84311
■ Amino acids (full profile, plasma, urine or CSF)	275.00	82139
■ PKU and MSUD follow-up testing Phenylalanine + tyrosine (dried blood assay) Short run – phenylalanine + tyrosine only Short run – branched chain (val, leu, ileu) only	100.00 100.00 100.00	82136, 83912 82136, 83912 82136, 83912
■ Carnitine (tissue, serum)	180.00	82379, 82658 83912
■ Carnitine palmitoyltransferase + citrate synthase	280.00	82658, 83912 82657
■ Citrate synthase	115.00	82657, 84311 83912
■ Coenzyme Q10	225.00	82491
■ Cytochrome c oxidase	115.00	28657, 84311 83912
■ Fumarase	115.00	82657, 83912 84311
■ α-Galactosidase	100.00	84155, 82657 83912
■ β-Galactosidase	100.00	84155, 82657 83912
■ α-1,4-Glucosidase	100.00	84155, 82657 83912
■ β-Glucosidase	100.00	82963, 84155 83912

Test	Price	CPT Code
■ β -Hexosaminidase A & B (Qualitative, Tay-Sachs carrier screen)	150.00	82664, 83080 83912
■ Lactate dehydrogenase	115.00	82657, 84311 83912
■ Myoadenylate deaminase	235.00	82657, 84311 83912
■ NADH cytochrome c reductase	115.00	82657, 84311 83912
■ NADH dehydrogenase	115.00	82657, 84311 83912
■ Phosphofructokinase	150.00	82657, 84311 83912
■ 3-Phosphoglycerate kinase	150.00	82657, 84311 83912
■ Phosphoglycerate mutase	150.00	82657, 84311 83912
■ Phosphorylase	150.00	82657, 84311 83912
■ Phosphorylase b kinase	150.00	82657, 84311 83912
■ Succinate cytochrome c reductase	115.00	82657, 84311 83912
■ Succinate dehydrogenase	115.00	82657, 84311 83912

Profiles	Price	CPT Code
■ Glycogen Storage Disease Profile (4 tests)	575.00	(82657, 84311) x 4 (83912)
■ Mitochondrial Myopathy Profile (6 tests)	600.00	(82657, 84311) x 6 (83912)
■ Modified Mitochondrial Myopathy Profile (3 tests)	325.00	(82657, 84311) x 3 (83912)
■ Myoglobinuria Profile (8 tests, incl. citrate synthase)	850.00	(82658) (82657, 84311) x 7 (83912)
■ Carnitine Palmitoyltransferase II (<i>CPT2</i> gene) Mutation Profile (6 mutations)	435.00	(83891) (83898, 83914, 83894) x 12 (83912)
■ Myophosphorylase (McArdle disease GSD V; <i>PYGM</i> Gene) Mutation Profile (2 mutations)	230.00	(83891) (83898, 83914, 83894) x 4 (83912)
■ Myoadenylate Deaminase (<i>AMPD1</i> gene) Mutation Profile (2 mutations)	230.00	(83891) (83898, 83914, 83894) x 4 (83912)
■ Exercise Intolerance Mutation Profile (<i>CPT2</i> , <i>PYGM</i> , <i>AMPD1</i> genes) (8 mutations)	525.00	(83891) (83898, 83914, 83894) x 16 (83912)
■ Exercise Intolerance Mutation Profile + Expanded <i>CPT2</i> gene mutation analysis (10 mutations)	600.00	(83891) (83898, 83914, 83894) x 20 (83912)
■ Individual Mutation Analysis (Any single mutation analysis may be requested from the above Profiles)	230.00	(83891) (83898, 83914, 83894) x 2 (83912)
■ Carnitine Palmitoyltransferase II (<i>CPT2</i>) (Gene Sequence Analysis)	650.00	(83891) (83904) x 14 (83898) x 5 (83912)

Turnaround Time

Turnaround times for laboratory testing vary in our laboratory depending on the number of tests requested by individual clients and the volume of testing at any particular time in the laboratory. Priority is given to critically ill patients and infants \leq 12 months of age.

Biochemical Muscle Profiles: 15 to 20 business days

Molecular Profiles: \leq 15 business days

Coenzyme Q10 Analysis: \leq 20 business days

Amino Acid Analysis: 3 to 5 business days

Tay-Sachs Carrier Testing 5 to 10 business days