London Health Sciences Centre

Biochemical Genetics Laboratory
London Health Sciences Centre
Victoria Hospital – Room B10-217
800 Commissioners Road East
London ON N6A 5W9

TEL: 519-685-8500 ext.71560 (Office) or 71561 (Laboratory)
FAX: 519-858-1063

BIOCHEMICAL GENETICS LABORATORY

BIOCHEMISTRY REQUISITION

PATIENT INFORMATION

Last Name: _____

First Name: _____

Date of Birth: _____ Sex: _____

Health Card #: _____

SPECIMEN INFORMATION

Specimen Type: _____

Collection Date: _____ Time: _____

REFERRING CENTRE INFORMATION

Name: _____

Address: _____

_____

Telephone: _____ FAX: _____

Ordering Physician: _____

REFERRING CENTRE PATIENT/SPECIMEN ID:

Patient ID#: _____ Specimen ID#: _____

METABOLITES

- ☐ Acetoacetate and Beta-Hydroxybutyrate - Quantitative, Whole Blood
- ☐ Amino Acids, Urine
- ☐ Amino Acids, Plasma
- ☐ Amino Acids, CSF
- ☐ Carnitine (Free) and Acyl Carnitine - Quantitative, Plasma
- ☐ Carnitine (Free) - Quantitative, Urine
- ☐ Cystine, Leukocytes
- ☐ Lactate:Pyruvate Ratio, Whole Blood
- ☐ Lactate:Pyruvate Ratio, CSF
- ☐ Methylmalonic Acid, Urine
- ☐ Mucopolysaccharide Quantitative Screen, Urine
- ☐ Mucopolysaccharide Characterization, Urine
- ☐ Oligosaccharide Screen, Urine
- ☐ Organic Acid Analysis, Urine
- ☐ Orotic Acid, Urine
- ☐ Sulfocysteine, Urine

PKU

- ☐ Amino Acids, Plasma
- ☐ Pterin Analysis, Urine
- ☐ Dihydropteridine Reductase, DBS*

GALACTOSEMIA

- ☐ Galactose-1-Phosphate Uridyltransferase - Qualitative, DBS*
- ☐ Galactose-1-Phosphate and Galactose, Erythrocytes

MISCELLANEOUS ENZYMES

- ☐ Biotinidase, Plasma
- ☐ Mitochondrial Respiratory Chain Enzymes, Muscle, Liver
- ☐ Chondrodysplasia Punctata: X-Linked Recessive (Aryl Sulfatase E), Fibroblasts

LYSOSOMAL ENZYMES by DISORDER

- ☐ Aspartylglucosaminuria (Aspartylglucosaminidase), Leukocytes
- ☐ Chitotriosidase, Plasma
- ☐ Fabry Disease (Alpha-Galactosidase), Plasma
- ☐ Fucosidosis (Alpha-Fucosidase), Plasma
- ☐ Gaucher Disease (Beta-Glucocerebrosidase), Leukocytes
- ☐ Gaucher Disease Monitoring (Chitotriosidase), Plasma
- ☐ GM1 Gangliosidosis (Beta-Galactosidase), Plasma
- ☐ GM2 Gangliosidosis - Tay-Sachs/Sandhoff Disease (Beta-N-Acetylhexosaminidase), Plasma
- ☐ GSDII - Pompe Disease (Alpha-Glucosidase), DBS*
- ☐ Mannosidosis - Alpha (Alpha-Mannosidase), Plasma
- ☐ Mannosidosis - Beta (Beta-Mannosidase), Plasma
- ☐ Metachromatic Leukodystrophy (Aryl Sulfatase A), Leukocytes
- ☐ MPSI - Hurler/Scheie Syndrome (Alpha-Iduronidase), Plasma
- ☐ MPSII - Hunter Syndrome (Iduronate-2-Sulfate Sulfatase), Plasma
- ☐ MPSIIIA - Sanfilippo A Syndrome (Heparan Sulfamidase), Fibroblasts
- ☐ MPSIIIC - Sanfilippo C Syndrome (Acetyl CoA:alpha-Glucosamine Acetyltransferase), Fibroblasts
- ☐ MPSIVA - Morquio A Disease (Galactose-6-Sulfatase), Fibroblasts
- ☐ MPSIVB - Morquio B Disease (Beta-Galactosidase), Plasma
- ☐ MPSVI - Maroteaux-Lamy Syndrome (Aryl Sulfatase B), Leukocytes
- ☐ MPSVII - Sly Syndrome (Beta-Glucuronidase), Plasma
- ☐ Neuronal Ceroid Lipofuscinosis (Tripeptidyl Peptidase 1 (CLN2 Peptidase)), DBS*
- ☐ Niemann-Pick A/B (sphingomyelinase), Fibroblasts
- ☐ Schindler Disease (Alpha-N-Acetylgalactosaminidase), Plasma
- ☐ Sialidosis (Alpha-N-Acetylneuraminidase), Fibroblasts
- ☐ Wolman Disease - Cholesterol Ester Storage Disease (Acid Lipase), DBS*

OTHER

*DBS = Dried Blood Spots