

## OUT OF PROVINCE/ OUT OF COUNTRY TESTS

### Lab Agency Approval Required

Test Description	Out of Province*	Out of Country
* ICL: In-Common Laboratories (formerly known as Hospitals in Common) is a lab broker and may forward testing out of the country. Search for test information at the following link. <a href="http://www.hicl.on.ca/resources.asp">http://www.hicl.on.ca/resources.asp</a>		
3-hydroxyglutaric acid quantification/ serum/ urine	ICL - Ontario	
7-Dehydrocholesterol	ICL - Ontario	
AASA, Plasma	ICL - Ontario	
Acetylcholine receptor Antibody Qualitative	ICL - Ontario	
Acid Lipase, Bloodspot	ICL - Ontario	
Alpha 1 Antitrypsin Fecal	University of Alberta Edmonton	
Alpha amino adipic semialdehyde (AASA), Urine	ICL - Ontario	
Alpha gal specific IgE	ICL - Ontario	
Ascorbate Level	ICL - Ontario	
Azathioprine Level	ICL - Ontario	
Benzoate	ICL - Ontario	
Beta D Glucan Fungitell	ICL - Ontario	
Bile Acids, Urine	ICL - Ontario	
BK virus IgG Antibody (ELISA)	ICL - Ontario	
BNG, Mitochondrial Complex	ICL - Ontario	
Cadmium	ICL - Ontario	
Chromium	University of Alberta Edmonton	
Cobalt	University of Alberta Edmonton	
Cholinesterase Antibody – RBC		Mayo Lab - NY
Cholestanol, plasma	ICL - Ontario	
Coenzyme Q10, muscle	ICL - Ontario	
Creatine and GAA, plasma	ICL - Ontario	
CSF 4 Hydroxybuturate acid, CSF	ICL - Ontario	
CSF Encephalopathy panel (7 markers)	ICL - Ontario	
Cystine, WBC	ICL - Ontario	
Dihydrotestosterone	ICL - Ontario	
Diuretic Hormone ( ADH)	ICL - Ontario	
Endomysial antibodies	ICL - Ontario	
Erythrocyte Adenosine deaminase	ICL - Ontario	
Essential Fatty Acids	ICL - Ontario	
Everolimus	ICL - Ontario	

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Eye Muscle Antibody	Montreal General Hospital	
Fatty Acid Nonesterified	ICL - Ontario	
Fecal Alpha 1 Antitrypsin	ICL - Ontario	
Fecal Calprotectin	ICL - Ontario	
FLT3 Allelic Ratio	ICL - Ontario	
Folate Receptor Antibody (CSF & Plasma)	ICL - Ontario	
Free Fatty Acids	ICL - Ontario	
Fungitell	ICL - Ontario	
Galactitol, Urine	ICL - Ontario	
Galactose-1-Phosphate	ICL - Ontario	
GALT quantitative enzyme, Blood	ICL - Ontario	
Genetic confirmation (Sanger sequencing) of bleeding disorders Hemophilia A/B/vWD / others	ICL - Ontario	
Glutamic Acid Decarboxylase Antibody GAD65	ICL - Ontario	
Glycogen Storage Disease	ICL - Ontario	
Immunodeficiency Panel (Flow cytometry)	ICL - Ontario	
Insulin antibody	ICL - Ontario	
Insulin Like Growth Factor Binding Protein 3	ICL - Ontario	
Iodine Level	ICL - Ontario	
Islet Cell Antibody	ICL - Ontario	
Leflunomide		Mayo Lab - NY
Manganese	ICL - Ontario	
Manganese, 24 hour Urine	ICL - Ontario	
Manganese, Urine	ICL - Ontario	
Methylmalonic acid, plasma	ICL - Ontario	
MPS LC-MS/MS Qualitative, urine	ICL - Ontario	
MTHFR C677T	ICL - Ontario	
Mullerian Hormone Antibody	ICL - Ontario	
Muscle specific tyrosine kinase Antibody (MUSK)	ICL - Ontario	
Neuronal ceroid lipofuscinosis (NCL), enzymes	ICL - Ontario	
Neurotransmitters, CSF	ICL - Ontario	
NK cell Degranulation	ICL - Ontario	
NK Function	ICL - Ontario	
NTBC (Orfadin) level	ICL - Ontario	

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Oligosaccharides Qualitative (with sialic acid)	ICL - Ontario	
OKT3 antibody	ICL - Ontario	
Oxalate, Plasma	ICL - Ontario	
Parathyroid Hormone Related Protein	ICL - Ontario	
Parietal Cell Antibody Screen	ICL - Ontario	
Perforin Quantitation	ICL - Ontario	
Pit Count	ICL - Ontario	
Plasma metanephrines	ICL - Ontario	
Plasminogen	ICL - Ontario	
Polyols, urine	ICL - Ontario	
Proinsulin	ICL - Ontario	
Pterins, CSF	ICL - Ontario	
RME-Respiratory Chain enzymes, muscle	ICL - Ontario	
S-Adenosylmethionine/S-adenosylhomocysteine	ICL - Ontario	
Serotonin, platelet	ICL - Ontario	
Sitosterol	ICL - Ontario	
Sphingomyelinase, Bloodspot	ICL - Ontario	
Succinyladenosine, CSF	ICL - Ontario	
Sulfatides, Urine	ICL - Ontario	
Sulfocysteine, Urine	ICL - Ontario	
Surface Marker Profile - Multiple Antibody - 10	ICL - Ontario	
Surface Marker Profile - Multiple Antibody - 15	ICL - Ontario	
Surface Marker Profile - Multiple Antibody - 18	ICL - Ontario	
Surface Marker Profile - Multiple Antibody - 20	ICL - Ontario	
Surface Marker Profile - Multiple Antibody - 5	ICL - Ontario	
Telomere Length - 2 cell panel	ICL - Ontario	
Telomere Length - 6 cell panel	ICL - Ontario	
Thiopurine Methyltransferase Genotype	ICL - Ontario	
Transferrin isoforms (Type I and II)	ICL - Ontario	
Triiodothyronine Referral ( T3 Total)	ICL - Ontario	
Trimethylamines, urine	ICL - Ontario	
Urine Biopterin and Dihydrobiopterin reductase	ICL - Ontario	
Vasoactive Intestinal Peptide ( VIP)		Mayo Lab - NY
VGCC Antibody	ICL - Ontario	
Very Long Chain Fatty Acids (VLCFA),plasma	ICL - Ontario	

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Vitamin B1	ICL - Ontario	
Vitamin B2		Mayo Lab - NY
Vitamin B6 (pyridoxal phosphate, pyridoxine)	ICL - Ontario	
Vitamin C	ICL - Ontario	
VLCAD Enzymology	ICL - Ontario	
VLCFA: repeats and / or high suspicion cases	ICL - Ontario	
vonWillebrand Multimers	ICL - Ontario	
Xylose	ICL - Ontario	
Zinc Protoporphyrin	ICL - Ontario	