

# CLIENT SPECIMEN REQUIREMENT CHART (Northern and Eastern Ontario)

Use the test list below to select the correct specimen container and the appropriate number of tubes to be collected.

## ORDER OF DRAW

**DRAW BLOOD CULTURE BEFORE ANY VACUAINERS**

Light Blue	Gold SST	Gold SST	Gold SST	Gold SST	Plain Red	Royal Blue Plain	Green Heparin	Royal Blue K <sub>2</sub> EDTA	Lavender	Lavender	Pink	Gray
<b>One tube for:</b> INR <b>One tube for:</b> APTT <b>One tube for:</b> Protein C Protein S <b>One tube for:</b> Anti-Thrombin Activity <b>Four tubes for:</b> Anti-Phospholipid <b>One tube for:</b> Factor Assays <b>One tube for:</b> LD D-Dimer <b>One tube for:</b> Fibrinogen <b>One tube for:</b> Heparin Assays <b>One tube for:</b> Activated Protein C Resistance (APCR)	<b>One tube for:</b> Albumin ALP ALT Amylase AST Bicarbonate Bilirubin, Direct Bilirubin, Total Calcium Chloride CK Creatinine GGT Glucose LD Lipase Lipid Assessment (includes: Cholesterol, Trig, Total HDL, LDL) Lithium Magnesium Phosphorous Potassium Sodium Total Protein Urea Uric Acid	<b>One tube for:</b> A1AT Alpha Fetoprotein (Oncology) Anti-Mullerian Hormone APO A1 APO B C3 C4 Cortisol CRP-hs/wr DHEAS Estradiol Ferritin Folate-Serum Free T3 Free T4 FSH IgA IgG IgM Insulin Iron/TIBC LH Parathyroid Hormone (PTH) Progesterone Prolactin PSA-Total RF	<b>One tube for:</b> Anti-ds DNA Anti-ENA Anti-CCP <b>One tube for:</b> Hepatitis A Hepatitis B Hepatitis C Rubella IgG <b>One tube for:</b> Cholinesterase <b>One tube for:</b> Ethanol <b>One tube for:</b> Deanimated Gliadin IgG Transglutaminase IgA <b>One tube for:</b> Ceruloplasmin Haptoglobin ASO <b>One tube for:</b> Ionized Calcium	<b>One tube for:</b> Immunofixation Protein Electrophoresis <b>One tube for:</b> Total hCG <b>One tube for:</b> Vitamin D <b>One tube for:</b> CEA-Uninsured <b>One tube for:</b> Carbamazepine Digoxin Phenytoin Valproic Acid <b>One tube for:</b> Primidone Phenobarbital Theophylline <b>Frozen Serum:</b> <b>One tube for:</b> PSA-Ratio (includes PSA-Total)	<b>One tube for:</b> Amikacin <b>One tube for:</b> Tobramycin <b>One tube for:</b> Vancomycin <b>One tube for:</b> Synovial Fluid: C3 C4 Glucose RF Total Protein Uric Acid <b>Frozen Serum:</b> <b>One tube for:</b> Aldolase <b>One tube for:</b> Clobazam <b>One tube for:</b> C-peptide <b>One tube for:</b> Clozapine <b>One tube for:</b> Doxepin	<b>One tube for:</b> Copper <b>One tube for:</b> Amibryptiline Desipramine Imipramine Noriprityline <b>One tube for:</b> Zinc	<b>One tube for:</b> Arsenic <b>One tube for:</b> Carboxyhemoglobin <b>One tube for:</b> Mercury	<b>One tube for:</b> Cadmium <b>One tube for:</b> Lead	<b>One tube for:</b> Cyclosporin Tacrolimus <b>One tube for:</b> Sickle Screen <b>Completed Form &amp; One tube for:</b> Flow Cytometry <b>One tube for:</b> HLA B27 <b>Frozen Plasma:</b> <b>One tube for:</b> Ammonia <b>One tube for:</b> BNP <b>One tube for:</b> Renin/ Aldosterone	<b>One tube for:</b> CBC and differential Retic Count Sedimentation Rate (ESR) <b>One tube for:</b> HGB H Prep/ H Inclusion Bodies <b>2 EDTA tubes required for the following:</b> G6PD Hemoglobin Electrophoresis RBC Folate <b>One tube for:</b> Glycosylated Hemoglobin (HBA1c) + CBC	<b>One tube for:</b> Antibody Screen Blood Group Direct Antiglobulin Test (DAT) Pre-Natal Screen Rh Genotype	<b>One tube for:</b> Glucose <b>One tube for each timed collection:</b> Oral Glucose Tolerance Test (OGTT) Gestational Diabetes Screen Gestational Diabetes Confirmatory Insulin/Glucose Challenge Test (refrigerate serum for Insulin) Growth Hormone Suppression Test (freeze serum for Growth Hormone)
See Coagulation Instructions Below	Centrifuge Store SST Refrigerated	Centrifuge Store SST Refrigerated	Centrifuge Store SST Refrigerated	Centrifuge Store SST Refrigerated	Centrifuge Aliquot Store Serum Refrigerated	Centrifuge Aliquot Store Serum Refrigerated	Refrigerate Whole Blood	Refrigerate Whole Blood	Room Temperature	Refrigerate Whole Blood	Refrigerate Whole Blood	Refrigerate Whole Blood

Always submit a completed requisition for:

- ◆ Insured/CEA Tests
- ◆ Public Health Tests
- ◆ MSS/IPS/eFTS
- ◆ Cytogenetic or Molecular Genetic Tests
- ◆ Flow Cytometry
- ◆ Allergen Tests

### COAGULATION INSTRUCTIONS:

- For INR:
  - Transport unspun at room temperature within 24 hours.
  - If transportation is greater than 24 hours, follow instructions for APTT.
- For APTT and D-Dimer:
  - Centrifuge specimen for 15 minutes and aliquot the upper ¾ of the plasma into an aliquot tube and cap.
  - Freeze immediately. Sample must be transported in a frozen state.
- For all other Coagulation Assays:
  - Centrifuge specimen for 15 minutes and separate the plasma into an aliquot tube and cap.
  - Centrifuge this plasma for another 15 minutes and pipette all but the bottom 0.5 ml into a transport tube and cap.
  - Freeze immediately. **NOTE: Fibrinogen is stored and shipped refrigerated at 2-8°C**

**NOTE: Samples that are to be transported in a frozen state will be rejected if not received frozen.**

### IMPORTANT NOTES:

- ALLOW BLOOD TUBES TO FILL COMPLETELY TO ENSURE ACCURATE RESULTS.
  - MIX ALL TUBES BY GENTLE INVERSION.
  - If delivery to a testing laboratory is delayed greater than 4 hours, follow the storage requirements listed under each column. Otherwise the tube may be kept at room temperature until courier pick-up.
  - Follow current LifeLabs labeling requirements
- NOTE: Allow blood to clot at Room Temperature upright for 30 minutes before centrifuging.**

For Inquires, contact LifeLabs Customer Care Centre 1-877-849-3637