

# CLIENT SPECIMEN REQUIREMENT CHART

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 >20 Tests in this column: Collect 2 Tubes	Gold SST	Gold SST	Gold SST	Plain Red	Royal Blue Plain	Green Heparin	Royal Blue K <sub>2</sub> EDTA	Lavender	Lavender	Pink	Gray
One tube for: INR One tube for: APTT One tube for: Protein C One tube for: Anti-Thrombin Activity Four tubes for: Anti-Phospholipid One tube for: Factor Assays One tube for: D-Dimer One tube for: Fibrinogen One tube for: Heparin Assays One tube for: Activated Protein C Resistance (APCR)	One tube for: A1AT Albumin ALP ALT Amylase APO A1 APO B AST Bicarbonate Bilirubin, Direct Bilirubin, Total C3 C4 Calcium Chloride CK Cortisol Creatinine CRP-hs/wr Estradiol GGT Glucose Heparin Assays IgA, IgG, IgM Iron/TIBC Ferritin Free T3 Free T4 FSH LD	Lipase Lipid Assessment (includes: Cholesterol, Trig, Total HDL, LDL) Lithium Magnesium Phosphorous Potassium Progesterone Prolactin Protein-Total PSA-Total RF Sodium Total T3 Transferrin TSH Uric Acid Vitamin B12 Urea <b>Frozen Serum:</b> One tube for: PSA-Ratio (includes PSA-Total)	One tube for: Hepatitis A, B and C Rubella IgG One tube for: Cholinesterase One tube for: Ethanol One tube for: Immunofixation Protein Electrophoresis One tube for: Total hCG One tube for: Vitamin D One tube for: Anti-ds DNA Anti-ENA Anti-CCP One tube for: Ceruloplasmin Haptoglobin ASO One tube for: Ionized Calcium	Alpha Fetoprotein (Oncology) Anti-Mullerian Hormone DHEAS Testosterone Free Testosterone Sex-Hormone Binding Globulin Bioavailable Testosterone Anti-Thyroglobulin Anti-Thyroid Peroxidase Thyroglobulin Insulin Parathyroid Hormone (PTH) Serum Folate One tube for: Deaminated Gliaadin IgG Transglutaminase IgA One tube for: CEA-uninsured	Carbamazepine Digoxin Phenytoin Valproic Acid One tube for: Primidone/ Phenobarbital Theophylline <b>Frozen Serum:</b> One tube for: Aldolase One tube for: Clobazam One tube for: C-peptide One tube for: Clozapine One tube for: Doxepin	Amikacin One tube for: Tobramycin One tube for: Vancomycin One tube for: Synovial Fluid: C3 C4 Glucose RF Total Protein Uric Acid <b>Frozen Serum:</b> One tube for: Aldolase One tube for: Clobazam One tube for: C-peptide One tube for: Clozapine One tube for: Doxepin	One tube for: Arsenic One tube for: Carboxy-hemoglobin Methemoglobin One tube for: Mercury	One tube for: Cadmium One tube for: Lead <b>Completed Form &amp; One tube for:</b> Flow Cytometry One tube for: HLA B27 <b>Frozen Plasma:</b> One tube for: Ammonia One tube for: BNP One tube for: Renin/ Aldosterone	One tube for: Cyclosporin Tacrolimus One tube for: Sickle Screen <b>Completed Form &amp; One tube for:</b> Flow Cytometry One tube for: HLA B27 <b>Frozen Plasma:</b> One tube for: Ammonia One tube for: BNP One tube for: Renin/ Aldosterone	One tube for: CBC and differential Retic Count Sedimentation Rate (ESR) One tube for: HGB H Prep/ H Inclusion Bodies <b>2 EDTA tubes required for the following:</b> G6PD Hemoglobin Electrophoresis RBC Folate One tube for: Glycosylated Hemoglobin (HBA1c) + CBC	One tube for: Antibody Screen Blood Group Direct Antiglobulin Test (DAT) Pre-Natal Screen Rh Genotype	One tube for: 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 Aliquot Store Serum Refrigerated	Centrifuge Aliquot Store Serum Refrigerated	Refrigerate Whole Blood	Refrigerate Whole Blood	Room Temperature Whole Blood	Refrigerate Whole Blood	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  
 ♦ Allergen Tests  
 ♦ Flow Cytometry

### 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