

Quick Reference Collection Chart

Lower Mainland and BC Region

Purpose: This chart lists the correct tube type and number of tubes to collect for commonly ordered laboratory tests when testing is performed at a LifeLabs testing laboratory.



The following tests must be collected in 2.7mL Sodium Citrate light blue top tube as follows

Mix 3-4 times

Lower Mainland		BC Region	
D Dimer*		D Dimer*	Varies by location. Consult LTI.
Fibrinogen*		Fibrinogen*	
PT/INR/PTT*		PT/INR/PTT*	Varies by location. Consult LTI.

*When using a butterfly needle, collect a discard tube first



Mix 5-6 times

Each of the following tests must be collected in a **separate** 6.0mL Red Top tube

1,25 Dihydroxy-Vitamin D	Vitamin A
B2-Transferrin	Vitamin E
Clozapine	



Mix 5-6 times

The following tests can be **combined in one** 5.0mL SST gold top tube

Albumin	C3	Creatinine	Glucose	Phosphorus	TSH
Alk Phos	C4	CRP	HDL	Potassium	Urea
ALT	Calcium	Estradiol	IgA, G, M	Progesterone	Uric Acid
Amylase	Chloride	Ferritin	Iron	Prolactin	Vit B12
Apo B	Cholesterol	Free T3	LDH	RF	
AST	CK	Free T4	LH	Sodium	
BHB	CO2	FSH	Lithium	Total Protein	
Bilirubin	Cortisol	GGT	Magnesium	Triglycerides	



Mix 5-6 times

The following tests can be **combined in one** 3.5mL SST gold top tube

Carbamazepine	Phenytoin (Dilantin)
Digoxin	Theophylline
Phenobarbital	Valproic Acid



Mix 5-6 times

The following tests must be collected in a 5.0 mL SST gold top tube as follows

Hep A IgM		Hep C HIV		Hepatitis Acute Hepatitis Chronic	
Hep B Core AB					
Hep B Surface AB					
Hep B Surface Ag					
Hep Be Ag					

This document does not include requirements for all tests. For tests not listed, and complete processing and handling instructions, consult the online Laboratory Test Information (LTI) at www.lifelabs.com

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Lower Mainland and BC Region



Mix 5-6
times

Each of the following tests must be collected in a **separate** 5.0mL SST gold top tubes

Apo A	Free Calcium (Ionized Calcium)
βHCG	Lipoprotein A
Ceruloplasmin	Specific Allergen IgE (SAIGE)
Carotene	



Mix 5-6
times

The following tests can be **combined in one** 5.0mL SST gold top tube

Alpha Fetoprotein	CA 199	Sex Hormone Binding Globulin
Anti-Thyroglobulin Ab	C-Telopeptide	Testosterone
Anti-Mullerian Hormone	DHEAS	Thyroglobulin
CA 125	Growth Hormone	Thyroid Peroxidase
CA 153	Insulin	

The following tests must be collected in a 4.0 mL EDTA lavender top tube as follows



Mix 8-10
times

	Lower Mainland		BC Region	
<div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: left;"> ESR Hemoglobin A1c Hematology Profile Malaria/ Blood Parasites </div> </div>		<div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: left;"> ESR Hematology Profile </div> </div>	<p>*ESRs in Nelson must be collected in Sodium Citrate Black Top Vacutainer</p>	
		<div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: left;"> Hemoglobin A1c </div> </div>	<div style="display: flex; align-items: center; justify-content: center;"> </div>	
		<div style="display: flex; align-items: center; justify-content: center;"> <div style="text-align: left;"> Malaria/ Blood Parasites </div> </div>	Refer patient to hospital	



Mix 8-10
times

Each of the following tests must be collected in **one** 6.0mL EDTA lavender top tube

Hep B DNA
Hep C Viral Load
HIV Viral Load

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