
















# Order of Draw

This document is applicable at site(s): **All Sites - Edmonton Zone**

## Order of Draw

**GENTLY mix EACH tube IMMEDIATELY after collection. Mix 8-10 times EXCEPT for the Light Blue tube (mix 4-5 times).**

If blood must be collected from below an IV site, a discard tube the same as the first tube drawn for analysis **MUST** be collected. Similarly for a butterfly needle collection, if a black top tube (Excyte) is the first tube collected, use another black top tube as the discard tube OR if a light blue top tube is the first tube collected, use another light blue top tube as the discard tube. If discard tube is indicated below, use the same tube type for the discard tube.

Order	Stopper	Stopper Color / Tube Name	Common Tests / Important Points
		Blood Culture Bottles (Blue, Purple, Pink with various additives)	Blood Cultures <b>Remember to draw the aerobic vial first.</b>
		Yellow SPS (No paper label)	TB Cultures
		Royal Blue BD brand (No additive)	Trace Elements, Serum (TRELS, Aluminum, Chromium, Copper, Nickel, Selenium, Zinc) <b>If a blood culture has been collected, a new venipuncture is required.</b>
		Royal Blue Covidien brand (With additive)	Trace Elements, Blood (BTREL, Arsenic, Cadmium, Cobalt, Lead, Manganese, Mercury, Molybdenum, Thallium)
		Light Blue	Coagulation tests <b>FULL tubes required</b>
		Black (Excyte, sodium citrate)	Sedimentation Rate (ESR) <b>Tube filled to volume between the two white lines required</b>
		Yellow ACD Sol A (With paper label)	HLA Typing
		Red (No gel, with or without clot activator) – serum collection	Antidepressant Quantitation
		Gold or Red/Black Top (Gel with clot activator) – serum collection	Routine Chemistry tests, Hepatitis tests
		Light Green (Gel without clot activator; PST) Lime Green (Barricor) <b>AHE CCI GNH GRH LEH MIS NEC RAH SPK STO UAH only</b> – plasma collection	Various Chemistry tests, Ammonia Barricor Tube for Troponins <b>(AHE CCI GNH GRH LEH MIS NEC RAH SGH SPK STO UAH only. Effective 7 November 2017)</b>
		Dark Green (No gel, whole blood)	Cytogenetics
		Mauve Top	Routine Hematology tests, Routine Transfusion Medicine tests, Molecular Pathology tests
		Grey Top	Lactate, Glucose Tolerance
		Orange or Yellow/Black Top (Thrombin)	Special Circumstances ONLY <b>For serum collection when quick clotting is required. Not to be used for routine collections.</b>
		Clear Top with label PAXgene brand	t(9;22) BCR/ABL1, t(15;17) PML/RARA and/or t(8;21) RUNX1/RUNX1T1 <b>Butterfly needle MUST be used. Tube MUST be held upright and below the level of the collection site to ensure backflow of the solution in the tube does not occur.</b>

Specific test requirements are listed in the Alberta Health Services Test Directory: <http://www.albertahealthservices.ca/3217.asp>.

Contact the laboratory if additional information is required.