

Laboratory Services
Color of Collection Tube Required by Test - RAH
Applicability

This Resource is applicable to Nursing, Physicians, Patient Care units and Laboratory Staff at the Royal Alexandra Hospital.

Shading color denotes color of collection tube.

Purple Top Tube	Green Top Tube	Sterile Starplex Tube	Refer to AHS Edmonton Zone Test Directory at http://www.albertahealthservices.ca/3217.asp For further information contact Client Response at (780) 407-7484.
Gold Top Tube	Navy Top Tube		
Blue Top Tube	Red Top Tube		
Grey Top Tube	Barricor Tube		

Test Name	Alternate Color	Testing Site	Test Name	Alternate Color	Testing Site
17 OH Progesterone		UAH	Cold Agglutinins (prewarmed tube)		DynaLife
Acetaminophen		RAH	Complement 3		DynaLife
ACTH (pre-chilled tube then on ICE)		UAH	Complement 4		DynaLife
ALT		RAH	Coombs Test/DAT		RAH
Albumin		RAH	Copper (no additive)		UAH
Alcohol Screen	Any color	UAH	C-Peptide		UAH
ALP		RAH	CRP		RAH
Alpha-Fetoprotein		DynaLife	Creatinine		RAH
Alpha-1-Antitrypsin		DynaLife	CK		RAH
Ammonia (NH ₃) (on ICE)		RAH	Cord Testing (NEV)		RAH
Anti-Cardiolipin AB		UAH	Crossmatch/Type & Screen		RAH
Anti-DNA AB/DS DNA AB		UAH	Cryoglobulin (warm)		DynaLife
Anti-Neutrophil Cytoplasmic AB		UAH	Cyclosporine		UAH
Anti-Nuclear AB		DynaLife	Digoxin		RAH
Anti-Phospholipid AB		UAH	Dilantin (Phenytoin)		RAH
Anti-Smooth Muscle AB		UAH	EBV		Prov. Lab
Anti-Thrombin 3 (AT3)		RAH	Electrolytes		RAH
Anti-Transglutaminase		DynaLife	Estradiol (E2)		RAH
AST		RAH	ETOH		RAH
BOH		RAH	Ethylene Glycol	Any color	UAH
Bile Acids		UAH	Factor V Leiden APC Resistance (Both collection tube types)		UAH
Bilirubin, Neonatal		RAH			
Bilirubin, Total or Conjugated		RAH	Factor VIII AG/Inhibitor		UAH
BNP		RAH	Ferritin		DynaLife
Calcium		RAH	Fibrinogen		RAH
Cancer Antibodies		UAH	Folate		DynaLife
Carbamazepine (Tegretol)		RAH	FSH		RAH
CEA		UAH	Free Thyroxine (FT4)		DynaLife
Carotene (light sensitive)		UAH	Free Triiodothyronine (FT3)		DynaLife
CBC & Diff		RAH	G6PD		UAH
CD4 TLYM		UAH	Gentamicin		RAH
CD8 TLYM		UAH	GGT		DynaLife
CDC Lymphocytotoxic AB Screen		UAH	Glucose – Random or Fasting		RAH
Chloride		RAH	Haptoglobin		UAH
Cholesterol		DynaLife	HBV – DNA (2 tubes)		Prov. Lab
CMV Buffy Coat		Prov. Lab	HCG		RAH
CO ₂		RAH			

Laboratory Services
Color of Collection Tube Required by Test - RAH

Test Name	Alternate Color	Testing Site	Test Name	Alternate Color	Testing Site
Hemoglobin A1C		DynaLife	PSA		DynaLife
Hemoglobin Electrophoresis		DynaLife	Protein C		UAH
Hep B Core Total AB		DynaLife/ Prov. Lab	Protein Electrophoresis		DynaLife
			Protein S		UAH
Hep B Surface AG		DynaLife/ Prov. Lab	Prothrombin G20210A Mutation		UAH
			PTT/PT (INR)		RAH
HIT		UAH	Pyruvate Kinase		UAH
Heparin		RAH	Retic Count		RAH
HIV AB		Prov. Lab	Rheumatoid Factor		DynaLife
HIV Rapid		RAH	Salicylate		RAH
HLA ABC Typing (Special ACD Tube)		UAH	Selenium (no additive)		UAH
			Sirolimus (light sensitive)		UAH
Homocysteine (on ICE)		DynaLife	Sodium		RAH
HSV IGG & IGM		Prov. Lab	Tacrolimus		UAH
Immunoglobulins		DynaLife	Theophylline		RAH
Insulin Like Growth Factor		UAH	TSH		DynaLife
Intra-operative PTH		RAH	Tobramycin		RAH
Ionized Calcium (on ICE – to Respiratory)		RAH	Total Protein		RAH
			Tricyclic Anti-depressant		UAH
Iron, TIBC, Sat Index (FE)		DynaLife	Triglycerides (part of Lipid Battery)		DynaLife
Lactate		RAH	Triglycerides (only)		RAH
LD		RAH	Troponin (Barricor only)		RAH
Lead (EDTA)		UAH	Urea		RAH
LH		RAH	Uric Acid/Urate		RAH
Lipase		RAH	Valproate		RAH
Lipid Battery		DynaLife	Vancomycin		RAH
Lithium		RAH	Varicella IGG & IGM		Prov. Lab
Magnesium		RAH	Vitamin A (light sensitive)		UAH
Measles, Mumps & Rubella		DynaLife/ Prov. Lab	Vitamin B12		DynaLife
			Vitamin C (on ICE)		UAH
Methanol (MEOH)		UAH	Vitamin D		UAH
Methemoglobin (Respiratory)		RAH	Vitamin E (light sensitive)		UAH
Methotrexate		UAH	Whole Blood D-Dimer		RAH
Monospot		RAH	Zinc (no additive)		UAH
Mycoplasma Serology		Prov. Lab			
Osmolality		RAH			
PTH		DynaLife			
Peripheral Smear		RAH			
Phenobarbital		RAH			
Phosphorus (PO4)		RAH			
Potassium		RAH			
Prealbumin		RAH			
Prenatal Follow-up		CBS			
Prenatal Initial Testing (tall purple)	Need both	CBS			
PROG		RAH			
Prolactin		DynaLife			