









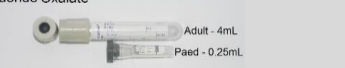



Blood Tube Guide & Order of Draw Reference Chart

Implementation Tool

Collect the blood into the containers in the order listed below for evacuated systems. For needle and syringe order of draw refer to **Prompt Document:** [Blood Collection order of draw for tubes and bottles](#)

Tube Type	Tests	Instructions
Blood Culture Bottles	Blood Culture	Ensure aseptic technique. Collect Aerobic, then Anaerobic
Citrate Plasma 	APTT, Coagulation profile, D-dimer, Factor assays, heparin assay, INR, Lupus anticoagulant,	Fill to mark as the ratio of blood to anticoagulant is critical.
Serum (GEL) 	Alpha fetoprotein, Amylase, ANA, ANCA, Antenatal Serology, Beta HCG (BHCG), Calcium, carbamazepine (Tegretol), Carcino embryonic antigen (CEA), Cardiac enzymes (CE), Cholesterol (Lipids), CKMB, Clonazepam (Rivotril), CMV, Coeliac Serology, C-Reactive Protein(CRP), Creatinine, Digoxin, dsDNA, EBV, Electrolytes, ENA, estradiol (ADULT), Ethanol, Ferritin, Follicle stimulating hormone (FSH), Free thyroxine(FT4), gentamicin, Gliadin antibodies (DGP), HDL cholesterol, Hepatitis, HIV, Infectious Disease Serology (IDS), Iron (Fe) studies, LFT's, Lipase, lithium, Luteinizing hormone (LH), Measles, Mumps, Mycoplasma pneumoniae, Needlestick serology, paracetamol, Phenytoin (Dilantin), Phosphate (PO4), Progesterone(Prog), Prolactin (PRL), Prostatic specific antigen (PSA), Protein studies/electrophoresis (SPEP), Rubella, Streptococcus(ADB,ASOT), Syphilis, theophylline, Thyroid stimulating hormone (TSH), Tissue transglutaminase antibodies (TTG), Toxoplasma, Triglyceride, troponin I, Urea, Uric Acid (UA), valproate (Epilim), vancomycin, Varicella	Invert 6-8 times
Serum (NO GEL) 	clozapine, Sensitive estradiol (Children), Testosterone, dihydrotestosterone, Androstenedione, 17 hydroxy progesterone	Invert 6-8 times
Citrate ESR 	ESR	Fill to line Invert 6-8 times
Heparin (NO GEL) 	Chromosome studies, Karyotype, FISH	Invert 6-8 times
Heparin (GEL) 	Ammonia (on ice), Amylase, Calcium, carbamazepine, Cardiac enzymes, Creatinine, CRP, Digoxin, Electrolytes, Ethanol, gentamicin, Iron, Lipase, LFTs, Magnesium, paracetamol, Phenytoin, Salicylate, Theophylline, Troponin I, Vancomycin, Urea	Invert 6-8 times
Trace elements 	Copper, Cobalt, Chromium, Manganese, Zinc (Zn)	Invert 6-8 times
EDTA - Blood Bank 	Blood group / Hold / Antibody Screen / Crossmatch,	Invert 6-8 times
EDTA 	FBE, WCC, Differential, Haemoglobin, Platelets, Haemoglobin electrophoresis, Coombs (DCT), Fragile X, Malaria parasites, Neisseria meningitidis PCR, Bartonella henselae PCR, HIV Proviral DNA, Reticulocytes, Thalassemia DNA, Haemophilia, Haemochromatosis, Microarray (Molecular Karyotype), Molecular genetic testing	Invert 6-8 times
PPT 	CMV PCR/Viral Load, HCV Genotype, Hepatitis B PCR, Hepatitis C PCR, Herpes Multiplex PCR, HIV PCR/Genotype/Resistance testing, EBV PCR/Viral Load, BK Virus	Invert 6-8 times
Fluoride Oxalate 	Glucose (random or fasting),Lactate (lactic acid)	Invert 6-8 times
ACD 	HLA	Invert 6-8 times

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Implementation Tool

TEST	TUBE	TEST	TUBE
Alpha fetoprotein	Serum SST	Haemophilia genetic testing	EDTA-3mL
Ammonia (on ice)	Li Hep-Gel	HCV Genotype	PPT
Amylase	Serum SST	HDL cholesterol	Serum SST
ANA	Serum SST	heparin assay	Sodium Citrate
ANCA	Serum SST	Hepatitis B/Hepatitis C PCR	PPT
Antenatal Serology	Serum SST	Hepatitis serology	Serum SST
APTT	Sodium Citrate	Herpes Multiplex PCR	PPT
Beta HCG (BHCG)	Serum SST	HIV PCR	PPT
Blood group	EDTA-10mL	HIV serology	Serum SST
Blood group Antibody screen	EDTA-10mL	Homocysteine (on ice)	EDTA-3mL
Calcium	Serum SST	Infectious Disease Serology (IDS)	Serum SST
carbamazepine (Tegretol)	Serum SST	INR	Sodium Citrate
Carcino embryonic antigen (CEA)	Serum SST	Iron (Fe) or Iron studies	Serum SST
Cardiac enzymes (CE's)	Serum SST	Lactate (lactic acid)	Fluoride-EDTA
Cholesterol (Lipids)	Serum SST	LFT's	Serum SST
Chromium	Trace Metals	Lipase	Serum SST
Chromosome studies	Heparin	Lithium	Serum SST
CKMB	Serum SST	Lupus anticoagulant	Sodium Citrate
clonazepam (Rivotril level)	Serum SST	Luteinizing hormone (LH)	Serum SST
clozapine	Serum No Gel	Malaria parasites	EDTA-3mL
CMV PCR	PPT	Manganese	Trace Metals
CMV Serology	Serum SST	Measles Serology	Serum SST
CMV Viral Load	PPT	Microarray	EDTA-3mL
Coagulation profile	Sodium Citrate	Mumps Serology	Serum SST
Cobalt	Trace Metals	Mycoplasma pneumoniae Serology	Serum SST
Coeliac Serology	Serum SST	Needlestick serology	Serum SST
Copper	Trace Metals	Neisseria meningitidis PCR	EDTA-3mL
C-Reactive Protein (CRP)	Serum SST	paracetamol	Serum SST
Creatinine	Serum SST	Parathyroid hormone (PTH)	EDTA-3mL
Crossmatch	EDTA-10mL	Phenytoin (Dilantin)	Serum SST
cyclosporin (CyA)	EDTA-3mL	Phosphate (PO4)	Serum SST
DCT	EDTA-3mL	Platelet count	EDTA-3mL
D-dimer	Sodium Citrate	Polyomavirus PCR	PPT
digoxin	Serum SST	Progesterone (prog)	Serum SST
dsDNA	Serum SST	Prolactin (PRL)	Serum SST
EBV Serology	Serum SST	Prostatic specific antigen (PSA)	Serum SST
Electrolytes	Serum SST	Protein studies/electrophoresis (SPEP)	Serum SST
ENA	Serum SST	Reticulocyte count	EDTA-3mL
ESR	ESR	Rubella serology	Serum SST
Estradiol (Children)	Serum No Gel	Streptococcus (ADB,ASOT) Serology	Serum SST
Ethanol	Serum SST	Syphilis Serology	Serum SST
Factor assays	Sodium Citrate	Thalassaemia	EDTA-3mL
FBE	EDTA-3mL	theophylline	Serum SST
Ferritin	Serum SST	Thyroid stimulating hormone (TSH)	Serum SST
FISH	Heparin	Tissue transglutaminase antibodies (TTG)	Serum SST
Folate (see Red Cell Folate)	EDTA-3mL	Toxoplasma Serology	Serum SST
Follicle stimulating hormone (FSH)	Serum SST	Triglyceride	Serum SST
Fragile X	EDTA-10mL	Troponin I	Serum SST
Free thyroxine (FT4)	Serum SST	Urea	Serum SST
gentamicin	Serum SST	Uric Acid (UA)	Serum SST
Gladin antibodies (DGP)	Serum SST	valproate (Epilim)	Serum SST
Glucose (random or fasting)	Fluoride-EDTA	vancomycin	Serum SST
Glycated haemoglobin (HBA1c)	EDTA-3mL	Varicella Serology	Serum SST
Group and Hold	EDTA-10mL	Vitamin B12	Serum SST
Haemochromatosis (HFE)	EDTA-3mL	WCC	EDTA-3mL
Haemoglobin	EDTA-3mL	White cell diff	EDTA-3mL
Haemoglobin electrophoresis	EDTA-3mL	Zinc (Zn)	Trace Metals

RELATED PROCEDURE PR GUIDELINE

[Blood Collection order of draw for tubes and bottles](#)

KEYWORDS

List words that staff might use to search including common names, acronyms and abbreviations not already included in the title or text of this document.

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