



















# Tube Guide and Recommended Order of Draw\*

**BD Vacutainer®**

BD Life Sciences - Preanalytical Systems

Cap Colour	Cat. No.	Tube Type	Determinations	Special Instructions
	Adult 442023 / 442021 Paediatric 442020	Blood Cultures	Blood Culture (Adult Set): Aerobic/F vial Cat. No. 442023, Anaerobic/Lytic vial Cat. No. 442021 (Draw volume = 8-10ml each bottle) Blood Culture (Paediatric) Cat. No. 442020 (Draw Volume 1-3ml)	Always inoculate blood culture bottles first, then fill any additional blood collection tubes if required. When using a blood collection set, always inoculate the aerobic bottle first. (Refer to the Pathology Handbook on Bob for details).
	Cat. No. 363095 Draw Volume 2.7ml	Sodium Citrate	INR, APTT, D Dimer, fibrinogen, clotting screen, thrombophilia screen, factor assays, DRVLT, Lupus anticoagulant	Specimens must be filled to the mark. Thrombophilia screens must be taken at NDDH 
	Cat. No. 367956 Draw Volume 3.5ml	SST™ II Advance	Biochemistry: All tests except glucose, lactate, alcohol and others as below. Transfusion: HLA and transfusion specialist investigations (contact lab). All serology (additional tube required)	Send two tubes if more than five biochemistry tests are requested or if both biochemistry and microbiology tests are requested. Specimens for therapeutic drugs must show date and time of collection 
	Cat. No. 367883 Draw Volume 4ml	Lithium Heparin	Chromosome studies, others e.g. gut hormones by arrangement Lysosomal enzymes* (with EDTA tube)	*Lysosomal enzymes: this tube only needed if Fabry's. Contact lab prior to taking. 
	Cat. No. 367839 Draw Volume 4ml	EDTA	Biochemistry: Ciclosporin, lead, lysosomal enzymes*, TPMT, tacrolimus and other drugs. Haematology: FBC, viscosity, film, retics, HbA1c, glandular fever, parasites, CD4, HLA-B27**, Hb electrophoresis, sickle, G6PD, Transfusion: HLA and specialist investigations (contact lab), DAT. Microbiology: PCR investigations	Send two tubes if both biochemistry and haematology tests are requested. *Lysosomal enzymes Tues, Wed, Thurs only plus a green topped tube if Fabry's – contact lab prior to taking **HLA-B27 test requires its own tube 
	Cat. No. 367941 Draw Volume 6ml	EDTA Cross-match	Blood group, antibody screen, cross-match, foetal leak, cold agglutinin screen/titre	Ensure tube is fully hand-labelled and signed. Cold agglutinin specimens must be delivered still warm 
	Cat. No. 368921 Draw Volume 4ml	Fluoride Oxalate	Glucose, alcohol, lactate	
	Cat. No. 366671 Draw Volume 5ml	ESR	ESR	Temporal arteritis and patients on anti-TNF only. Ensure tube is filled correctly 
	Cat. No. 368380 Draw Volume 6ml	Trace Element	Zinc, trace elements	Contact lab for guidance 
	Cat. No. 368500 Draw Volume 4ml	Urine (plain)	Urine: microalbumin, ACR, osmolality, Bence-Jones protein, porphyrin Blood: Cryoglobulin	Cryoglobulin: tube must be pre-warmed and delivered warm to lab

Determinations and Special Instructions contained within this guide have been provided by the named institute and are not BD recommendations or instructions for the BD products described. Please consult your organisation's guidelines or contact BD should you have any questions.

\*Clinical and Laboratory Standards Institute (CLSI) Guidelines GP41-Ed7 (formerly H3-A6, 6th Edition)

## IMPORTANT MIXING GUIDELINES

All BD Vacutainer® tubes require immediate mixing following collection. Insufficient mixing can result in inaccurate test results and the need to re-draw. Correct mixing technique is to gently invert (180° and back) each tube the recommended number of times shown on the right hand side of the table.

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