

# BD Vacutainer® System

BD Diagnostics - Preanalytical Systems

## Tube Guide including Order of Draw

Please display this in your clinical areas beside your venepuncture equipment

St Vincents University Hospital - PRINTED 05/08

Blood samples should be taken in the following order:

Catalogue Number	Colour Code	Tube Type	Determinations	Special Instructions
		<b>Blood Culture</b>	Aerobic followed by anaerobic - if insufficient blood for both culture bottles, use aerobic bottle only	
Draw Volume	 Light Blue	<b>Sodium Citrate</b>	Coagulation Testing, PT, INR, APTT, D-Dimer, etc	
Draw Volume	 Red	<b>Serum</b>	LDH, Ionised Ca, Drugs (Phenytoin, Theophylline, Methotrexate, Lithium), Vitamin D, Parathyroid Hormone, Osmolality, Bone Markers, Endocrine Testing (excluding Thyroid)	
Draw Volume	 Gold	<b>SST™ II</b>	TSH, FT4, T3, Cortisol, Digoxin, GH, ADNA, Gastrin, B12 Folate, Ferritin, PSA, CEA, AFP, HCG, CA125, CA19.9, CA15.3, Immunoglobulins (IgG, IgA, IgM, IgE), Electrophoresis, B2 Microglobulin, Caeruloplasmin, Infectious Mono, CRP, Thyroid Ab, Liver Ab, Rheumatology, Coeliac Ab	
Draw Volume	 Light Green	<b>PST™ II</b>	UE, LFT, Cardiac Enzymes, Ca, Mg, Phosphate, Uric Acid, Total Protein, Amylase, Lipids, Bone Profile, Troponin, Iron Status, ACE	Please fill tubes to capacity, otherwise samples may not be accepted by the laboratory
Draw Volume	 Lavender	<b>EDTA</b>	Full Blood Count (FBC) and ESR C3 / C4, Haemoglobin A1c, Homocysteine, ACTH	1 tube for FBC & ESR. Separate tubes for each of the other tests. Homocysteine (sent on ice & state time taken)
Draw Volume	 Pink	<b>Cross Match</b>	Blood Transfusion Samples	
Draw Volume	 Grey	<b>Fluoride Oxalate</b>	Glucose	Please mix 8-10 times
Draw Volume	 Royal Blue	<b>Trace Element</b>	Trace Elements	

\*RECOMMENDED ORDER OF DRAW:

1. Blood culture bottles
2. COAGULATION Tubes
3. Tubes with NO ADDITIVES
4. OTHER Tubes with ADDITIVES

For further copies of this guide and questions regarding specific tests, please contact main Pathology Laboratory.

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 \*Clinical and Laboratory Standards Institute (Formerly NCCLS) Guidelines H3-A5 Vol 23 No. 32, 5th Edition  
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# Bd Vacutainer System Tube Guide

**Leonard G. Gomella, Steven A. Haist**



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