

# TUBE GUIDE

## Recommended Order of Draw

In accordance with NCCLS guidelines (Document H3-A4) collector must sign all blood tube labels. Blood culture vials are to be collected first in order of draw (before any blood tubes).

Hemogard™ Closure & Specimen Volume			Tube Content	Determinations	Instructions
	Paediatric	Microtainer™			
1				Blood cultures	
2	2.7ml	1.8ml		Sodium Citrate 1:9 Prothrombin Time, INR, APTT, Coagulation Studies. NB, 10.0ml Molecular.	Citrate tubes must be full draw volume.
3	6.0ml			Acid Citrate Dextrose (ACD) HLA B27, HLA tissue typing/ antibodies/screen, T Cells	Note: ACD tubes are recommended to be full draw volume.
4	5.0ml			Harmony NIPT, Aspect Liquid Biopsy	Gently invert 10 – 15 times. Must be full draw volume. <b>DO NOT USE FOR ANY OTHER TEST.</b>
5	8.5ml		8.5ml	SST II Gel Hepatitis A, B & C, HIV, Viral Serology, Autoimmune Serology, Vitamin B12, Vitamin D, Biochemistry, U, E & C, Hormones, FE Studies, Drugs, BHCG, LFT, TFT, Chols/Trigs. Vitamin A, C, E (Light protected – <b>FOILED</b> ) <b>MICROTAINER:</b> Electrolytes: (0.5ml) fi II to mark LFT: (0.5ml) U, E & C & LFT: (1ml, Collect 2 Microtainer tubes) Neonate Bilirubin	Gently invert 8 – 10 times to mix clot activator with blood.  <i>Please use Gold SST Amber Microtainer for Neonatal Bilirubin (0.5ml)</i>
6	6.0ml	2.0ml	0.4ml	Lithium Heparin Chromosome Studies, HLA B27. Vitamins A, C, E, B1, B2, B6 (Light protected – <b>FOILED</b> ).	Mix by inverting 8 – 10 times. <b>Note:</b> Heparin tubes must be full draw volume.
7	6.0ml			K2EDTA Trace Elements.	<b>Note:</b> Trace Element tubes must be full draw volume.
8	4.0ml	2.0ml	0.5ml	EDTA FBE, ESR, RETIC Count, Paul Bunnell/Infectious Mono, HbA1c, NAP, Malarial Parasites, Blood Lead, Red Cell Folate, Haemochromatosis. <b>MICROTAINER</b> FBE - 0.5ml ESR - 1.5ml If adult: 3 tubes required.	<b>Note:</b> EDTA tubes must be full draw volume. Please use Microtainer for paediatric tests. Cannot be shared with Blood Bank.
9	6.0ml			EDTA Blood Groups & Hold, Antibody Screen, Cross Match, Viral Load <b>DO NOT use these tubes for Haematology (eg FBE).</b>	<b>Note:</b> Please label tubes in handwriting. All tubes and request forms <b>MUST</b> carry the signature or initials of the person collecting the sample – to comply with ANZSBT guidelines.
10	5.0ml			EDTA PTH, ACTH, BCL.	<b>Note:</b> Pearl top EDTA tubes must be full draw volume.
11	5.0ml		0.5ml	Fluoride Oxalate Random Blood Sugar, Fasting Blood Sugar, Glucose Tolerance Test, Alcohol & Lactate. <b>MICROTAINER</b> Glucose (0.5ml)	<b>Note:</b> Fluoride Oxalate tubes must be full draw volume. Please use Microtainer for paediatric tests.
12	1.0ml			Buffered Citrate ESR (Regional Labs).	<b>Note:</b> ESR tubes must be full draw volume.

### Microtainer™ AND GENERAL LABELLING INSTRUCTIONS:

- **Always label tubes legibly** – Include patient surname, given name, DOB, time and date of collection, collectors initials and lab no.
- **When placing a label on the tubes** (especially Microtainers™), ensure the volume of blood remains visible.
- **Paediatric tubes** to be placed into labelled, sterile, 70ml Yellow Top container for transport to laboratory.

- **DO NOT** transfer blood from tube to tube.
- **MIX ALL TUBES THOROUGHLY BY GENTLE INVERSION 5 – 6 TIMES.**
- For any other tests please contact the laboratory.



### HAZARD WARNING:

*Never inject blood into the tube from needle and syringe.*