

TUBE GUIDE

Recommended Order of Draw

In accordance with CLSI standard GP41- Collection of Diagnostic Venous Blood Specimens, collector must sign all blood tube labels and request forms. Blood culture vials are to be collected first in order of draw (before any blood tubes).

Hemogard™ Closure & Specimen Volume				Tube Content	Determinations	Inversion	Instructions
		Paediatric	Microtainer™				
1					Blood cultures		Gently mix. Aerobic (grey) bottle first. Anaerobic (purple) bottle second.
2				Special mycolytic blood culture bottle required	Mycobacterium (Blood Cultures)		Special collection required. Contact your local Microbiology department.
3	2.7ml 	1.8ml 		Sodium Citrate 1:9	Coagulation Studies, Prothrombin Time, INR, APTT. NB, 10.0ml Molecular.	3-4	Citrate tubes must be full draw volume.
4	6.0ml 			Acid Citrate Dextrose (ACD)	HLA tissue typing/screening.	8-10	Note: ACD tubes are recommended to be full draw volume.
5	5.0ml 				Harmony NIPT, Aspect Liquid Biopsy	10-15	Gently invert 10 – 15 times. Must be full draw volume. DO NOT USE FOR ANY OTHER TEST.
6	8.5ml 		0.5ml 	SST II Gel	Biochemistry, Serology, Immunology, Infectious Molecular - refer to Collection Guide/Manual for full list. MICROTAINER: Electrolytes: (0.5ml) fill to mark LFT: (0.5ml) U, E & C & LFT: (1ml, Collect 2 Microtainer tubes) Neonate Bilirubin	5-6	Gently invert 8 – 10 times to mix clot activator with blood. <i>Please use Gold SST Amber Microtainer for Neonatal Bilirubin (0.5ml)</i> 
7	6.0ml 	2.0ml 	0.4ml 	Lithium Heparin (No Gel)	Chromosome Studies, HLA B27. Vitamins A, C, E, B1, B6 (Light protected – FOILED).	8-10	Mix by inverting 8 – 10 times. Note: Heparin tubes must be full draw volume.
8	6.0ml 			K2EDTA	Trace Elements/Trace Metals	8	Note: Trace Element tubes must be full draw volume.
9	4.0ml 	2.0ml 	0.5ml 	EDTA (Lavender)	FBE, ESR, RETIC Count, HIV Viral Load (2 dedicated tubes), Paul Bunnell/Infectious Mononucleosis, HbA1c, Malarial Parasites, Blood Lead, Haemochromatosis, T Cells, Vitamin B2 (Light protected – FOILED). MICROTAINER FBE 0.5ml required, ESR 1.5ml required. If adult: 3 tubes required.	8-10	Note: EDTA tubes must be full draw volume. Please use Microtainer for paediatric tests. Cannot be shared with Blood Bank.
10	6.0ml 			EDTA (Pink)	Blood Groups & Hold, Antibody Screen, Cross Match. DO NOT use these tubes for Haematology (eg FBE).	8-10	Note: Please label tubes in handwriting. All tubes and request forms MUST carry the signature or initials of the person collecting the sample – to comply with ANZSBT guidelines.
11	5.0ml 			EDTA	PTH, ACTH, BCL	8-10	Note: Pearl top EDTA tubes must be full draw volume. Lactate (separate and freeze).
12	5.0ml 		0.5ml 	Fluoride Oxalate	Random Blood Sugar, Fasting Blood Sugar, Glucose Tolerance Test, Alcohol & Lactate. MICROTAINER Glucose (0.5ml)	8	Note: Fluoride Oxalate tubes must be full draw volume. Please use Microtainer for paediatric tests.
13	1.0ml 			Buffered Citrate	ESR (Regional Labs)	8-10	Note: ESR tubes must be full draw volume.
14					Tuberculosis	10	Collect 1 mL of blood into each tube from the kit, following the tube order: Grey, Green, Yellow, and Purple. Gently invert 10 times to ensure inner surface of the tubes are coated. Do not spin and keep at room temperature.

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.

- For any other tests, please refer to your state's collection manual.



HAZARD WARNING:

Never inject blood into the tube from needle and syringe.

Further information: 1300 134 111 | clinicallabs.com.au