

**TUBE GUIDE FOR COMMON TESTS**

**NOTE:**

**THREE FORMS OF IDENTIFICATION ARE REQUIRED (UR, NAME, DOB)**  
**IF PCSC IS NOT AVAILABLE: COLLECTOR MUST LABEL AND SIGN or INITIAL EVERY SPECIMEN CONTAINER**  
**AND MUST COMPLETE THE DECLARATION ON THE REQUEST FORM.**

Tests printed in Blue & Underlined must be delivered On Ice  
 Some tests require multiple or separate tubes, consult the Pathology Handbook (intranet) for details.  
**\*\*Hazard Warning: Never inject blood into the tube from needle and syringe\*\***





TUBE	TESTS	TUBE	TESTS
<b>HEPARIN PLASMA with GEL, 4.5 mL</b>		<b>EDTA WHOLE BLOOD, 3.0 mL</b>	
 <p>PALE GREEN (367375)</p>	<p>Most urgent <b>BIOCHEMISTRY</b> and any patient on anti-coagulation medication.</p> <ul style="list-style-type: none"> <li>• UE, LFT, Lipids, CA (NOT Ionised CA), IP, MG, AST, CK, CRP, Drug Levels, Haptoglobin, Iron Studies, Osmolality, TFT, Troponin.</li> <li>• Plasma Free Haemoglobin</li> <li>• Vitamin D</li> </ul> <p><b>DO NOT USE THIS TUBE for:</b>  <b>Lithium, Holo-TC Vit B12 or PEP.</b></p>	 <p>PALE LILAC (367838)</p>	<p>Essential for— FBE, Film, Retics, MP</p> <p><b>Separate tube required for below test:</b></p> <ul style="list-style-type: none"> <li>• ESR</li> <li>• HbA1c</li> <li>• Cyclosporin, Everolimus, Sirolimus, Tacrolimus</li> <li>• Factor V Leiden, Prothrombin 20210</li> <li>• <u>ACTH, Homocysteine</u></li> <li>• CD4/8, CD2/3,</li> <li>• Cell Surface Markers and Flow <b>Cytometry</b></li> </ul> <p><b>DO NOT USE THIS TUBE for:</b>  <b>Viral load / PCR / Genotyping.</b></p>
<b>PLAIN BLOOD (Serum) with GEL, 8.5 mL</b>			
 <p>GOLD (367958)</p>	<ul style="list-style-type: none"> <li>• Ionised Calcium, PEP, Immunoglobulins, Free Light Chains, Lipoprotein, IgG subclasses, Lithium, Methotrexate, Thiopentone, NT-pro BNP, PSA, free PSA, Holo-TC and Vit B<sub>12</sub>.</li> <li>• Thyroglobulin, Anti-Tg, ATA, IgE, RAST, Trypsinase.</li> <li>• Autoantibodies, Anticardiolipin Antibodies, GAD, IF, B2GP1, ACL, ENA, MPO, PR3 and Gliadins, TTG, dsDNA.</li> <li>• <u>Calcitonin, VitA, VitE, C-Peptide.</u></li> </ul> <p><b>(NB: Vit A, Vit C &amp; Vit E - protect from light)</b></p>	 <p>GOLD (367958)</p>	<p><b>SEROLOGY</b>  <b>(Extra tube if more than 4 of these tests.)</b></p> <ul style="list-style-type: none"> <li>• Streptococcal Serology (ASOT), CMV, Cryptococcus, EBV, Hep A, B, C, HIV, Herpes, Measles, Mumps Rubella, Syphilis, Toxoplasma and Varicella</li> </ul>

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TUBE	TESTS	TUBE	TESTS
<b>FLUORIDE OXALATE, 2.0 mL</b>		<b>EDTA, 6.0 mL—'CROSSMATCH'</b>	
 <p>GREY (367934)</p>	<ul style="list-style-type: none"> <li>Lactate</li> <li>Fasting or Timed Glucose, Glucose Tolerance Test</li> </ul>	 <p>PINK (367941)</p>	<p><b>Essential for:</b></p> <ul style="list-style-type: none"> <li>DCT</li> <li>Telopeptide / CTX</li> <li>Crossmatch / G&amp;S / G&amp;H</li> <li>Cold Agglutinins (must be kept at 37°C—call lab first)</li> </ul> <p><b>DO NOT USE THIS TUBE for:</b>  <b>Viral load / PCR / Genotyping.</b></p>
<b>CITRATE, 2.7 mL (must be completely filled)</b>		<b>EDTA, 10.0 mL</b>	
 <p>PALE BLUE (363095)</p>	<ul style="list-style-type: none"> <li><b>COAG</b>—PT, INR, APTT, Fibrinogen, D-Dimer, Anti-Xa, HMW heparin, CBA.</li> <li>Factor VIII, Factor IX, VWF, RCOF, ATIII, Protein C, Protein S, Lupus Screen.</li> <li>Rivaroxaban, Apixaban, Dabigatran.</li> </ul>	 <p>PURPLE (367525)</p>	<ul style="list-style-type: none"> <li>Aldosterone and Renin (no ice)</li> <li>Haemoglobin Electrophoresis</li> <li><b>BNP</b> is the preferred cardiac marker (BNP needs Pathologist approval)</li> <li>PTH</li> <li>Posaconazole, Voriconazole, Fluconazole</li> <li>Thiamine B1, B6</li> <li>CryoFibrinogen (must be kept at 37°C - call Lab first)</li> <li>HLA H</li> <li>CMV viral load, HIV/HBV/HCV Viral Loads or genotyping, Hep C PCR, Parvovirus PCR and other Viral PCR's</li> <li><u>Ammonia</u></li> </ul>

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**SPECIAL TUBES**

**METAL- FREE EDTA, 6.0 mL**

**PLAIN BLOOD (= Serum) **NO GEL**, 10.0 mL**



DARK BLUE  
(368381)

- Trace & Toxic Metals—
- Aluminium, Cadmium, Copper, Lead, Mercury, Selenium, Zinc



RED  
(367895)

- CryoGlobulins,  
(must be kept at 37°C—call lab first)
- HITS Screen, Cytotoxic antibodies  
Platelet and HLA antibodies

**ACD, 9 mL**

**ESR **NOTE TUBE CHANGE** – 3mL EDTA**



YELLOW  
(364606)

- HLA Tissue Typing—  
see Pathology Handbook for further details
- HLAB27, HLAB51, HLAB57.



- ESR – separate tube required if requested with FBE, Hb, DCT .etc

**LITHIUM HEPARIN – **NO GEL** 6.0mL**

**Quantiferon Kit**



- Use for Plasma  
Catecholamines, Clozapine,  
Neuroleptics (refer to Pathology  
Handbook for test details)



- Quantiferon Blood Test / Interferon-Gamma Assay for Mycobacterium Tuberculosis.

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### PAEDIATRIC (MICRO) COLLECTION CONTAINERS

Tests: as per above

SPECIMEN	DETAIL	USE	TUBE
<b>PLAIN BLOOD</b> (= Serum) <b>with GEL</b> , 600 µL	MICROTAINER Cat. No.365967	Paediatric & finger-prick collections	
<b>EDTA</b> 500 µL	MICROTAINER Cat. No.365974	Paediatric & finger-prick collections	
<b>EDTA 250-500ul</b>	MINICOLLECT® Cat. No.450532	Paediatric collections	
<b>HEPARIN PLASMA</b> <b>with GEL</b> , 600 µL	MICROTAINER Cat. No.365985	Paediatric & finger-prick collections	
<b>CITRATE 1.0 mL</b>	MINICOLLECT® Cat. No.450539	Paediatric collections <b>(NOT</b> finger-prick for Coagulation tests)	
<b>Carrier tubes only for Citrate/ EDTA minicollect</b>	MINICOLLECT® Cat. No.450417		
<b>CITRATE, 1.8 mL</b>	VACUTAINER Cat. No. 363093	Difficult bleeds	