







# PAEDIATRIC SELECTION CHART

Sandwell and West Birmingham Hospitals NHS Trust



## RECOMMENDED ORDER OF DRAW

	Cat. No. / Tube Type	Cap Colour	Volume	Tests	Special Instructions
1				Blood Cultures	Aerobic followed by Anerobic
2	459075 Trisodium Citrate	 Blue	1.3 ml	INR, APTT, Fibrinogen. Other specialist coagulation tests	MUST BE FILLED TO LINE * Contact Lab
3	459092 Serum	 Red	1.3 ml	Immunology and Viral Serology, Therapeutic Drugs, Ferritin, B12, Folate Cortisol, Testosterone, Oestrogen, Prolactin, FSH, LH, IGF-1 BNP (N Terminal Pro BNP)	
4	459084 Lithium Heparin	 Green	1.3 ml	Amino acids, General profile, U & E, Bone profile, Liver function tests, Lipids, CRP, Cardiac enzymes, Amylase, Osmolality, TFT, Ammonia*, B12, Folate, Ferritin, T Spots Acyl-Carnitine (whole blood or blood spot) Growth hormone Zinc (sodium heparin also can be used)	* Immediately to Lab
5	459036 EDTA	 Lavender	1.3 ml	FBC, Differential film retics, Monospot, Paul Bunnell, Malaria Parasites, Sick cell screening, Red cell folate, Tacrolimus and Cyclosporin, Glycosylated HB (Haemoglobin A1c) screening*, G6PD screen*, Cellular Immunology tests such as CD4, T/B/NK cells.	* Contact Lab
6	459093 EDTA	 Pink	1.3 ml	Group Antibody Screen, Direct Anti-globulin test (DCT), Direct Coombs Test Crossmatch	Hand labelled
7	459085 NAF/EDTA	 Grey	1.3 ml	Glucose, Lactate Beta hydroxy butyrate LDH	Beta hydroxy butyrate (with free fatty acids). Must be fasted

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Biochemistry common combinations	Microbiology/Virology/Parasites	Immunology	Haematology
CRP, UE and LFT – Green capped lithium heparin 100 µl required TFT – Green lithium heparin 400 µl required TFT, TBil and DBil – Green lithium heparin 410 µl required	ASOT – 2 Red capped tubes Viral PCR Respiratory viral PCR – Red or Green topped VTM Viral loads If paediatric HIV to PCR – 2 tubes required: Either Pink or Lavender capped If monitoring for HIV, HBV or HCV – 4 tubes required: Either Pink or Lavender capped	Autoantibodies such as anti-nuclear antibodies, coeliac pathway and diabetes – Please provide one full red capped serum tube Allergy investigations such as Specific IgE – Please provide one full red capped serum tube Please ensure that if requests are being made for multiple departments that a separate red capped serum tube is always provided for any Immunology requests.	Paediatric ESR (ages 0 to 3 years) – Lavender capped EDTA sample. Full tube required. If other tests are required on the same sample, 2 tubes will be required. Haemoglobinopathy screen G6PD Haemoglobinopathy screen requires one full 500 µl paediatric EDTA tube. If a full tube cannot be obtained from the patient, then we could ideally use two shorter samples with a total volume of 500 µl. There must be a full blood count carried out for every haemoglobinopathy test, which uses ~180µl. The haemoglobinopathy screen uses 10µl for the initial screen, but where there is additional confirmatory testing required, a further 150 µl of blood is required.