

Paediatric Hypoglycaemia

"GRAB BAG"

(For all patients requiring a 'Hypo screen' for hypoglycaemia)

'PAEDS HYPOGLYCAEMIA - TIME CRITICAL SAMPLES'

(Samples required **PRIOR** to administration of glucose)

TEST	TUBE TYPE	VOLUME REQUIRED
Glucose Free fatty acids (FFA)	Fluoride oxalate (GREY)	500 microlitres (aim for half full)
Insulin C-peptide Beta OH butyrate Cortisol	Lithium Heparin (GREEN screw top)	1ml ideally 2mls (1 bottle, 2 if possible)
Lactate (Capillary blood gas)	Capillary blood gas tube (Processed in ED)	Aim for 1 full capillary tube.

*****SAMPLES MUST BE IN LAB WITHIN 15 MINUTES OF COLLECTION*****

CONTACT LAB TO INFORM THEM OF URGENT HYPOGLYCAEMIA SAMPLES

'PAEDS HYPOGLYCAEMIA - ADDITIONAL ESSENTIAL'

(Sample can be taken **AFTER** administration of glucose)

TEST	TUBE TYPE	VOLUME REQUIRED
Ammonia U&Es LFTs CRP Acylcarnitine	Lithium Heparin (GREEN screw top)	1ml (1 bottle)
FBC	EDTA (small PINK screw top)	500 microlitres (up to mark on bottle)
Blood culture	Age and volume dependant	
URINARY organic acids	URINE in WHITE top universal container	5mls

SEE OVER PAGE FOR GUIDANCE ON ORDERING ALL ABOVE SAMPLES ON TRAKCARE