

Coagulation

Reference Range

Activated Partial Thromboplastin Time (APTT)	21.0 – 34.0 secs
Antithrombin	83 – 110 u/dl
Bleeding time	2 - 8 mins
Factor II	75 – 115 u/dl
Factor V	63 - 115 u/dl
Factor VII	70 - 125 u/dl
Factor VIII	55 – 150 u/dl
Factor IX	70 - 165 u/dl
Factor X	79 - 155 u/dl
Factor XI	65 -135 u/dl
Factor XII	60 -125 u/dl
Fibrinogen	1.5 - 4.0 g/l
D-DIMER (FDP)	<250 ng /ml
LMWHeparin(Xa) (approx. therapeutic range)	0.30-0.70 u/ml
Prothrombin time	10.7 - 13.6 secs
Protein C (Chromogenic)	62 - 126 u/dl
Protein S (free)	45 – 176 u/dl
Thrombin Time	9.5-11.5 secs
Von Willebrand Factor Antigen (VWF:AG)	50 – 150 u/dl
Von Willebrand Factor Activity (Ristocetin Co-factor)	50 - 200 u/dl

N.B

For childrens or neonate reference ranges please ring laboratory – 276 4080

Haematinics

Serum folate		3.0 - 16 µg / l
Red cell folate		200 - 600 µg / l
Serum vitamin B12		150 - 900 ng / l
Serum ferritin	Male	15 - 200 µg / l
	Female	7 - 90 µg / l

In vivo tests:

Schilling tests, parts 1 and 2		> 10% vitamin B12 excretion in 24 hr
Red cell volume		
Male	25 - 35 ml/kg	body weight
Female	20 -30 ml/kg	body weight
Plasma volume	40 -50 ml/kg	body weight
Blood volume	60 - 80 ml/kg	body weight
Red cell survival	25 - 33 days	

Haemolytics

Haemoglobin A2	2.3 - 3.3	
Haemoglobin F	< 1.5 %	
G6PD	4.8 -13.6 ug/l	
	8.3 – 20.1 ug/l	0-9 months