

REFERENCE INTERVALS - HAEMATOLOGY



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COMPLETE BLOOD COUNT				
	UNIT S	Male	Female	Antenatal
Red Blood Count	10 ¹² /L	4.3-6.0	3.6-5.6	3.4-5.0
Haemoglobin	g/L	130-175	115-155	100-145
HCT (PCV)	ratio (L/L)	0.40-0.52	0.35-0.46	0.30-0.44
MCV	f/L	80-99	80-99	80-99
MCH	pg	27-33	27-33	27-33
MCHC	g/L	320-360	320-360	320-360
RDW	%	11.5-15	11.5-15	
Platelet Count	10 ⁹ /L	150-400	150-400	150-400
White Blood Count	10 ⁹ /L	4.0-11.0	4.0-11.0	5.0-14.5
Neutrophils	10 ⁹ /L	1.9-7.5	1.9-7.5	1.9-11.0
Lymphocytes	10 ⁹ /L	1.0-4.0	1.0-4.0	1.0-4.0
Monocytes	10 ⁹ /L	0.2-1.0	0.2-1.0	0.2-1.0
Eosinophils	10 ⁹ /L	0-0.50	0-0.50	0-0.50
Basophils	10 ⁹ /L	0-0.20	0-0.20	0-0.20
Reticulocytes (absolute)	10 ⁹ /L	20 - 100	20 - 100	
Ret- He	pg	28.9 – 36.3	28.9 – 36.3	

ESR		
Female	< 19 yrs	< 16 mm/hr
	20 – 23 yrs	< 18 mm/hr
	24 – 29 yrs	< 21 mm/hr
	30 – 33 yrs	< 23 mm/hr
	34 – 39 yrs	< 26 mm/hr
	40 – 43 yrs	< 28 mm/hr
	>44 yrs	0 – 30 mm/hr
Antenatal		< 46 mm/hr
Male	0 – 29 yrs	< 16 mm/hr
	30 – 33 yrs	< 18 mm/hr
	34 – 39 yrs	< 21 mm/hr
	40 – 43 yrs	< 23 mm/hr
	> 44 yrs	0 – 25 mm/hr

COAGULATION		
Prothrombin time		9 - 14.0 secs
INR	Normal Interval	0.8 - 1.2
	Therapeutic Interval (Standard Risk)	2.0 - 3.0
	Therapeutic Interval (High Risk)	2.5 – 3.5
A.P.T.T.		22.0 - 34.0 secs
Fibrinogen		1.8 - 4.0 g/L
Dilute Thrombin clotting Time		< 21 secs
D-Dimer	Cut Off	
	< 50 yrs	500 ug/L
	51 – 60 yrs	600 ug/L
	61 – 70 yrs	700 ug/L
	71 – 80 yrs	800 ug/L
	81 – 90 yrs	900 ug/L
> 90 yrs	1000 ug/L	

Last Reviewed:	Authorized	Quality Manager, Labtests Auckland	Haematologist, Labtests Auckland
February 2020	Date: 19/2/20	Saad Mansour	Dr Fransisca De Silva