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FULL BLOOD COUNT

Synonym(s): FBC, CBC

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Lab Section Category	Haematology Click here to find out more about the write-up (/clinical-departments-centers/pathology/pathology-handbook/lab-discipline-special-instructions/pages/haematology.aspx).
Specimen Required	3.0 mL EDTA blood
Method	Impedance Counting/Flow Cytometry

Reference Interval/Value	Test	Unit	Newborn	Adult (M)	Adult (F)
	WBC	X 10 ⁹ /L	9 – 30	4 – 10	4 – 10
	RBC	X 10 ¹² /L	4.8 – 7.1	4.5 – 6.3	4.2 – 5.4
	HB	g/dL	14 – 24	14 – 18	12 – 16
	HCT	%	44 – 64	38 – 52	36 – 46
	MCV	fL	96 – 108	78 – 98	78 – 98
	MCH	pg	32 – 34	27 – 32	27 – 32
	MCHC	%	32 – 36	32 – 36	32 – 36
	PLT	X 10 ⁹ /L	140 – 440	140 – 440	140 – 440
	NEUTROPHIL #	X 10 ⁹ /L	5 – 13	2 – 7.5	2 – 7.5
	LYMPHOCYTE #	X 10 ⁹ /L	3.5 – 8.5	1 – 3	1 – 3
	MONOCYTE #	X 10 ⁹ /L	0.5 – 1.5	0.2 – 0.8	0.2 – 0.8
	EOSINOPHIL #	X 10 ⁹ /L	0.1 – 2.5	0.04 – 0.44	0.04 – 0.44
BASOPHIL #	X 10 ⁹ /L	0 – 0.1	0 – 0.1	0 – 0.1	
Turnaround Time	3 - 4 hours				

Day(s) Test Set up	Monday -Sunday
Remarks	Includes WBC, RBC, Hb, HCT, MCV, MCHC, PLT and Differential Count.

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