

LABORATORY REPORT

INVESTIGATIONS	FINDINGS	REFERENCE RANGE
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HAEMATOLOGY

COMPLETE BLOOD COUNT

Haemoglobin	13.5	13 - 18 gms%
Total Count (WBC)	8,500	4000 -12000 cells /cumm
<u>Differential Count (WBC):</u>		
Polymorphs	61.1	34.0 - 71.1 %
Lymphocytes	29.1	19.3 - 53.1 %
Monocytes	5.8	4.7 - 12.5 %
Eosinophils	4.0	0.8 - 7.0 %
Basophils	0.0	0.1 - 1.2 %
ESR	½ hr 12 mm	Normal 5 - 10 mm
	1 hr 28 mm	
Platelets	2.56	1.5 - 4.5 lakhs/cumm
RBC	4.62	4.2 - 6.0 mill/cumm
PCV	37.7	35 - 45 %
MCV	81.8	76 - 96 fl
MCH	29.2	27 - 32 pg
MCHC	35.8	30 - 32 %

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BLOOD - BIOCHEMISTRY		
MAGNESIUM -SERUM	2.2 mg/dl	Newborn : 1.5 - 2.2 mg/dl
		5 months - 6 Yrs : 1.7 - 2.3 mg/dl
		6 - 12 Yrs : 1.7 - 2.1 mg/dl
		12 - 20 Yrs : 1.7 - 2.2 mg/dl
		Adults : 1.6 - 2.6 mg/dl
		60 - 90 Yrs : 1.6 - 2.4 mg/dl
		> 90 yrs : 1.7 - 2.3 mg/dl