

ID : 37454 Collection : 30/12/20, 03:12 PM Client Name : Axelia Solutions Pvt Ltd
 Name : MS. POOJA DUDHANI Received : 30/12/20, 03:23 PM -BLR0004
 DOB/Age : 35 years Reported : 30/12/20, 09:51 PM Client Address : BANGLORE
 Gender : Female Ref. Doctor : SELF



2120122336

Test Description	Value(s)	Unit(s)	Reference Range
FULL BODY CHECK UP WITH VITAMIN			
HAEMATOLOGY			
Complete Blood Count; CBC (EDTA whole blood)			

Erythrocytes

Hemoglobin (Hb)	14.55	gm/dL	12.0 - 15.0
Erythrocyte (RBC) Count	4.91	mil/cu.mm	3.8 - 4.8
Packed Cell Volume (PCV)	43.8	%	36 - 46
Mean Cell Volume (MCV)*	89.3	fL	83 - 101
Mean Cell Haemoglobin (MCH)	29.6	pg	27 - 32
Mean Corpuscular Hb Concn. (MCHC)	33.2	gm/dL	31.5 - 34.5
Red Cell Distribution Width (RDW)	13.6	%	11.6 - 14.0

RBC Morphology

Remarks	Normocytic normochromic
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Leucocytes

Total Leucocytes (WBC) Count	7370	cell/cu.mm	4000-10000
Neutrophils	47	%	40 - 80
Lymphocytes	37	%	20 - 40
Monocytes	6	%	2 - 10
Eosinophils	10	%	1 - 6
Basophils	0	%	1-2

Absolute Count (calculated)

Absolute Neutrophil Count	3.46	* 10^9/L	2.0 - 7.0
Absolute Lymphocyte Count	2.73	* 10^9/L	1-3
Absolute Monocyte Count	0.44	* 10^9/L	0.2-1.0
Absolute Eosinophil Count	0.74	* 10^9/L	0.05-0.5
Absolute Basophils Count	0	* 10^9/L	1-2

Platelets

Platelet Count	243	10^3/ul	150 - 410
Mean Platelet Volume (MPV)	9.90	fL	7.2 - 11.7
Platelet Morphology			Adequate on smear

Tests done on Automated Five Part Cell Counter. (WBC, RBC, Platelet count by impedance method, spectrophotometric method for Hemoglobin, WBC differential by VCS method and other parameters are calculated). All Abnormal Haemograms are reviewed and confirmed microscopically.



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HbA1c (Glycosylated Haemoglobin)

Glyco Hb (HbA1C) 5.3 % Non-Diabetic: <=5.6
 (Whole blood EDTA, HPLC) Pre Diabetic: 5.7-6.4
 Diabetic: >=6.5

Estimated Average Glucose : 105.41 mg/dL -

Interpretations

1. HbA1C has been endorsed by clinical groups and American Diabetes Association guidelines 2017 for diagnosing diabetes using a cut off point of 6.5%
2. Low glycated haemoglobin in a non diabetic individual are often associated with systemic inflammatory diseases, chronic anaemia (especially severe iron deficiency and haemolytic), chronic renal failure and liver diseases. Clinical correlation suggested.
3. In known diabetic patients, following values can be considered as a tool for monitoring the glycemic control.

Excellent control-6-7 %

Fair to Good control – 7-8 %

Unsatisfactory control – 8 to 10 %

Poor Control – More than 10 %

ESR; Erythrocyte Sedimentation Rate

Erythrocyte Sedimentation Rate (modified westergren)	12	mm/hour	Male: > 16 Years : Between 0-15 Male: <= 16 Years : Between 0-20 Female: 0-20 Male: 0-15
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Interpretation:

- It indicates presence and intensity of an inflammatory process. It does not diagnose a specific disease. Changes in the ESR are more significant than the abnormal results of a single test.
- It is a prognostic test and used to monitor the course or response to treatment of diseases like tuberculosis, bacterial endocarditis, acute rheumatic fever, rheumatoid arthritis, SLE, Hodgkins disease, temporal arteritis and polymyalgia rheumatica.
- It is also increased in pregnancy, multiple myeloma, menstruation, and hypothyroidism.

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BIOCHEMISTRY

Liver Function Test 2

Total Protein, Serum

Total Protein (Serum, Biuret, reagent blank end point)	7.66	g/dL	6.6 - 8.3
Albumin (Serum, Bromcresol Green)	4.10	g/dL	Adults: 3.5 - 5.2
Globulin (Serum, Calculated)	3.56	g/dL	1.8 - 3.6
A/G Ratio (Serum, Calculated)	1.15		1.2 - 2.2

Bilirubin Profile

Bilirubin - Total (Serum, DPD)	0.50	mg/dL	Adults: 0.3 - 1.2
Bilirubin - Direct (Serum, Diazotization)	0.06	mg/dL	Adults and Children: < 0.2
Bilirubin - Indirect (Serum, Calculated)	0.44	mg/dL	0.1 - 1.0
SGOT (Serum, UV with P5P, IFCC 37 degree)	21.70	U/L	< 50
SGPT (Serum, UV with P5P, IFCC 37 degree)	28.90	U/L	< 50
GGT-Gamma Glutamyl Transpeptidase (Serum, G-glutamyl-carboxy-nitroanilide)	20.80	U/L	< 55
ALKALINE PHOSPHATASE (PNPP, AMP Buffer - IFCC)	61.00	U/L	30-120 U/L

Lipid Profile 2, Basic

Cholesterol-Total (Serum, Cholesterol oxidase esterase peroxidase)	210.40	mg/dL	Desirable: <= 200 Borderline High: 201-239 High: > 239 Ref: The National Cholesterol Education Program (NCEP) Adult Treatment Panel III Report.
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