

Date 25/02/2023
Name MR. ACHAL SINGH
Ref. By MEDI WHEEL

Srl No. 5
Age 47 Yrs.

Company OPD
Sex M

Test Name	Value	Unit	Reference Value
<u>HAEMATOLOGY</u>			
HAEMOGLOBIN (Hb)	13.1	gm/dl	13.5 - 18.00
TLC (Total Leucocyte Count)	7700	/cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT			
NEUTROPHIL	61	%	45 - 75
LYMPHOCYTE	35	%	20 - 45
EOSINOPHIL	02	%	1 - 6
MONOCYTE	02	%	1 - 10
R B C (Red Blood Cell Count)	4.82	Millions/cmm	4.2 - 5.4
PLATELET COUNT	140	x10 ³ /uL	150 - 450
Hct (Hematocrit/PCV)	40.3	%	40 - 54
M C V (Mean Corp Volume)	83.61	fL	80.0 - 100.0
M C H (Mean Corp Hb)	27.178	pg	26.0 - 34.0
M C H C (Mean Corp Hb Conc)	32.506	g/DL	31.0 - 37.0
E.S.R. (Wintrobe)	14	mm/1st hr.	0.00 - 20
BLOOD GROUP ABO	'A'		
RH TYPING	POSITIVE		

The upper agglutination test for grouping has some limitations.
For further confirmation Resverse typing Card (Dia clon ABO/D) Method is suggested.

BIOCHEMISTRY

BLOOD GLUCOSE FASTING	112.0	mg/dl	70 - 110
BLOOD GLUCOSE PP	125.0	mg/dl	upto to 140
BLOOD UREA	30.0	mg/dl	13 - 45
SERUM CREATININE	1.10	mg/dl	0.7 - 1.4
SERUM URIC ACID	2.97	mg/dl	3.4 - 7.0

Contd..

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Test Name	Value	Unit	Reference Value
SERUM BILIRUBIN	0.65	mg/dl	0.0 - 2.0
CONJUGATED (D. Bilirubin)	0.28	mg/dl	0.00 - 0.2
UNCONJUGATED (I. D. Bilirubin)	0.37	mg/dl	0.00 - 0.7
SGOT/AST	34.5	U/L	0 - 35
SGPT/ALT	39.1	U/L	0 - 40
ALKALINE PHOSPHATASE	88.6	IU/L	25 - 140
TOTAL PROTEIN	7.08	gm/dl	6.4 - 7.8
ALBUMIN	3.95	gm/ dl	3.5 - 5.2
GLOBULIN	3.13	gm/dl	2.3 - 3.6
A/G RATIO	1.262		1.0 - 2.3

LIPID PROFILE

SERUM CHOLESTEROL	161.3	mg/dl	100 - 202
			Normal Risk <200 mg/dl Bordarine Risk 200-239 mg/dl High Risk > 239 mg/dl
SERUM TRIGLYCERIDES	158.7	mg/dl	60 - 165
			Normal Risk <150 mg/dl Border Line: 150-199 High Risk: 200-499 Very High Risk: >499
HDL CHOLESTEROL	65.0	mg/dl	35 - 55
LDL CHOLESTEROL	64.56	mg/dl	100 - 160
VLDL	31.74	mg/dl	0.00 - 35
TOTAL / HDL CHOLESTEROL RATIO	2.482		0.00 - 4.9
LDL / HDL CHOLESTEROL RATIO	0.993		0.00 - 3.5

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ENDOCRINOLOGY

THYROID FUNCTION TEST

TOTAL T3	113	ng/dL	60.00 - 181.00
TOTAL T4	4.6	ug/dL	4.5 - 10.9
THYROID STIMULATING HORMONE (TSH) CLIA	3.72	uIU/mL	0.35 - 5.50

URINE EXAMINATION REPORT

PHYSICAL EXAMINATION

COLOUR	STRAW CLEAR	
VOLUME	30	ml.
SPECIFIC GRAVITY	1.030	
DEPOSIT	NIL	

CHEMICAL EXAMINATION

REACTION	5.0
ALBUMIN	NIL
SUGAR	NIL
BILE SALTS (BS)	ABSENT
BILE PIGMENT (BP)	ABSENT
PHOSPHATE	ABSENT

MICROSCOPIC EXAMINATION

PUS CELLS	2-3	/HPF
EPITHELIAL CELLS	1-2	/HPF
RBC'S	NIL	/HPF
CASTS	NIL	
CRYSTALS	NIL	

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Test Name

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Reference V

HAEMATOLOGY

GLYCATED HAEMOGLOBIN (HbA1c)

INVESTIGATION

OBSERVED VALUE

UNIT

GLYCOSYLATED HAMOGLOBIN (HbA1c)	: . 6.0	%
AVERAGE BLOOD SUGAR	: . 120.46	MG/ DL

REFERANCE RANGE (HBA1C) :

GOOD CONTROL	: 4.5 - 6.4 %
FAIR CONTROL	: 6.5 - 7.4 %
POOR CONTROL	: ABOVE 7.5 %

REFERANCE RANGE (AVERAGE BLOOD SUGAR) :

EXCELLENT CONTROL	: 90-120 MG/DL
GOOD CONTROL	: 121-150 MG/DL
AVERAGE CONTROL	: 151-180 MG /DL
ACTION SUGGESTED	: 181-210 MG/DL
PANIC VALUE	: > 211 MG/DL

NOTE : AVERAGGE BLOOD SUGAR VALUES IS CALCULATED FROM HBA1C VALUE AND IT INDICATED A BLOOD

** End of Report **