

Date	10/09/2022	Srl No.	1004	Company	OPD
Name	MR. YOGENDRA PAL SINGH	Age	51 Yrs.	Sex	M
Ref. By	Dr. C/O BANK OF BARODA				

Test Name	Value	Unit	Reference Value
<b><u>HAEMATOLOGY</u></b>			
HAEMOGLOBIN (Hb)	10.7	gm/dl	13.5 - 18.00
TLC (Total Leucocyte Count )	6100	/cumm	4000 - 11000
<b>DIFFERENTIAL LEUCOCYTE COUNT</b>			
NEUTROPHIL	65	%	45 - 75
LYMPHOCYTE	27	%	20 - 45
EOSINOPHIL	03	%	1 - 6
MONOCYTE	05	%	1 - 10
R B C (Red Blood Cell Count)	3.76	Millions/cmm	4.2 - 5.4
PLATELET COUNT	114	$\times 10^3/uL$	150 - 450
HCt (Hematocrit/PCV)	34.7	%	40 - 54
M C V (Mean Corp Volume)	92.287	fL	80.0 - 100.0
M C H (Mean Corp Hb)	28.457	pg	26.0 - 34.0
M C H C (Mean Corp Hb Conc)	30.836	g/DL	31.0 - 37.0
E.S.R. (Wintrobe)	15	mm/1st hr.	0.00 - 20
BLOOD GROUP ABO	'AB'		
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.

#### GLYCATED HAEMOGLOBIN (HbA1c)

<u>INVESTIGATION</u>	<u>OBSERVED VALUE</u>	<u>UNIT</u>
GLYCOSYLATED HAMOGLOBIN ( HbA1c )	: .64	%
REFERANGE RANGE ( HBA1C ) :		
GOOD CONTROL :	4.5 - 6.4	%

Contd...2

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Test Name	Value	Unit	Reference Value
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 AVERAGE BLOOD

### BIOCHEMISTRY

BLOOD GLUCOSE FASTING	100.0	mg/dl	70 - 110
BLOOD GLUCOSE PP	95.0	mg/dl	upto to 140
BLOOD UREA	20.5	mg/dl	13 - 45
SERUM CREATININE	1.32	mg/dl	0.7 - 1.4
SERUM URIC ACID	4.95	mg/dl	3.4 - 7.0
SERUM BILIRUBIN	1.28	mg/dl	0.0 - 2.0
CONJUGATED (D. Bilirubin )	<b>0.59</b>	mg/dl	0.00 - 0.2
UNCONJUGATED (I. D. Bilirubin )	0.69	mg/dl	0.00 - 0.7
SGOT/AST	<b>52.3</b>	U/L	0 - 35
SGPT/ALT	18.6	U/L	0 - 40
ALKALINE PHOSPHATASE	<b>212.5</b>	IU/L	25 - 140
Gamma GT	40.1	U/L	10 - 50
TOTAL PROTEIN	8.44	gm/dl	6.0 - 8.6
ALBUMIN	4.39	gm/ dl	3.5 - 5.2
GLOBULIN	<b>4.05</b>	gm/dl	2.3 - 3.6
A/G RATIO	1.084		1.0 - 2.3

Contd...3

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### LIPID PROFILE

SERUM CHOLESTEROL	230.8	mg/dl	100 - 202
			Normal Risk <200 mg/dl
			Borderline Risk 200-239 mg/dl
			High Risk > 239 mg/dl
SERUM TRIGLYCERIDES	155.9	mg/dl	60 - 165
			Normal Risk <150 mg/dl
			Border Line: 150-199
			High Risk: 200-499
			Very High Risk: >499
HDL CHOLESTEROL	43.5	mg/dl	35 - 79.5
LDL CHOLESTEROL	187.3	mg/dl	100 - 160
VLDL	31.18	mg/dl	0.00 - 35
TOTAL / HDL CHOLESTEROL RATIO	5.306		0.00 - 4.9
LDL / HDL CHOLESTEROL RATIO	4.306		0.00 - 3.5

### URINE EXAMINATION REPORT

#### PHYSICAL EXAMINATION

COLOUR	YELLOW TURBID
VOLUME	30 ml.
SPECIFIC GRAVITY	1.025
DEPOSIT	PRESENT

#### CHEMICAL EXAMINATION

REACTION	5.0
ALBUMIN	TRACES
SUGAR	NIL
BILE SALTS (BS)	ABSENT

Contd...4

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Test Name	Value	Unit	Reference Value
BILE PIGMENT (BP)	ABSENT		
PHOSPHATE	ABSENT		
<b>MICROSCOPIC EXAMINATION</b>			
PUS CELLS	50-60	/HPF	
EPITHELIAL CELLS	8-10	/HPF	
RBC'S	1-2	/HPF	
CASTS	NIL		
CRYSTALS	NIL		
OTHERS	BACTERIA PRESENT		

**ENDOCRINOLOGY**

**THYROID FUNCTION TEST**

TOTAL T3	159.7	ng/dL	60.00 - 181.00
TOTAL T4	8.99	ug/dL	4.5 - 10.9
THYROID STIMULATING HORMONE (TSH) CLIA	3.59	uIU/mL	0.35 - 5.50

**CANCER MARKER**

**CANCER MARKERS (VIDAS)**

**PROSTATIC SPECIFIC ANTIGEN**

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<u>INVESTIGATION</u>	<u>REPORT BY CLIA</u> <u>OBSERVED VALUE</u>	<u>UNIT</u>
PROSTATIC SPECIFIC ANTIGEN ( P.S.A.)	: 2.89	ng/ mL

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Test Name	Value	Unit	Reference Value
NORMAL RANGE :		Reference range	
AGE	- < 40 years		0.21 to 1.72 ng/ml
	40-49		0.27 to 2.19 ng/ml
	50-59		0.27 to 3.42 ng/ml
	60-69		0.22 to 6.16 ng/ml
	> 69		0.21 to 6.77 ng/ml

Comment : the fact of PSA is unique to prostate tissue makes it a suitable marker for monitoring men with cancer of the prostate. PSA is also useful for determining possible recurrence after therapy. Measurement of serum PSA levels is not recommended as a screening procedure for the diagnosis of cancer because elevated PSA levels also are observed in patients with benign prostatic hypertrophy.

\*\* End of Report \*\*

Reported by : RAM  
 Checked by : \_\_\_\_\_