



Name: **LAXMANBHAI BHIKHABHAI CHAHUHAN** Ward: **OPD**
Lab ID: **00000441** Registration on: **28/09/2024 09:48:00**
Age & Sex: **46 Year | Male** Reported on: **13:11:54**
Reference: **VELOCITY HOSPITAL** Sample Type: **BLOOD & URINE**

CBC ESR

Test	Observed Value	Unit	Biological Reference Interval
Haemoglobin	14.52	g/dL	13.5 - 17.5
Total RBC	5.55	mill./cm	4.50 - 5.90
Total WBC	4460	/cmm	4000 - 11000
Platelet Count	235000	/cmm	150000 - 450000
HCT	46.5	%	36.0 - 48.0
MCV	83.8	fL	80.0 - 100.0
MCH	26.2 L	pg	27.0 - 32.0
MCHC	31.2 L	g/dL	31.5 - 36.0

DIFFERENTIAL COUNT

Neutrophils	62	%	40 - 70
Lymphocytes	32	%	20 - 40
Eosinophils	02	%	02-05
Monocytes	04	%	01-07
Basophils	00	%	00 - 02
Band Cells	00	%	0.0 - 6.0

ABSOLUTE DIFFERENTIAL COUNT

Neutrophils	2765	/cumm	2000 - 7000
Lymphocytes	1427	/cumm	1000 - 3000
Eosinophils	89	/cumm	20 - 500
Monocytes	178 L	/cumm	200 - 1000
Basophils	0	/cumm	0 - 100

GLR / NLR

(Neutrophil/Lymphocyte Ratio) 1.9

MENTZER INDEX

RDW-CV	12.1	%	11.1 - 14.1
RDW-SD	40.6	fl	
MPV	8.0	fl	
PCT	0.19	%	

Bhatt

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MD. PATHOLOGIST





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PDW

17.1

%

PERIPHERAL SMEAR EXAMINATION

RBC Morphology

Normochromic and normocytic.

WBC Morphology

Appear normal, Immature cells are not seen .

Platelets in Smear

Adequate.

Malarial Parasites

Not Detected.

ESR

AFTER 1 HOUR

22 H

mm/hr

0.0 - 15.0

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BLOOD GROUP

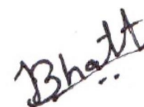
Test	Observed Value	Unit	Biological Reference Interval
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Blood Group

"B"

Rh Factor

POSITIVE



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BLOOD GLUCOSE TEST

Test	Observed Value	Unit	Biological Reference Interval
Sample	FLOURIDE PLASMA		
<u>FASTING (FBS)</u>			
Blood Sugar-F	129.3 H	mg/dL	70.00-110.00



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LIPID PROFILE

Test	Observed Value	Unit	Biological Reference Interval
Sample	Fasting Blood Serum		
Cholesterol	200.1	mg/dL	<200 Desirable 200-29 Borderline >240 High
Triglyceride	115.3	mg/dL	<150 Normal 150-199 Borderline 200-499 High >=500 Very High
HDL Cholesterol	41.89	mg/dL	40-60
VLDL	23.06	mg/dL	0.00 - 30.00
LDL Cholesterol	135.15 H	mg/dL	< 130 : Optimal 130 - 159 : Borderline High 160 - 189 : High >= 190 : Very High
LDL Chol. / HDL Chol. Ratio	3.23		1.0 - 3.4
Cholesterol / HDL Chol. Ratio	4.8 H		0 - 3.5
Total Lipid	631.8	mg/dl	400.0 - 1000.0

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RENAL FUNCTION TEST

Test		Unit	
S. Creatinine	0.9	mg/dL	0.5-1.30
Bl. Urea	23.9	mg/dL	10.0 - 40.0
BUN	11.2	mg/dl	6.0 - 22.0
Uric Acid	3.09 L	mg/dL	3.5 - 7.2

PROTEINS

Total Protein	7.1	g/dL	6.0 - 8.0
Albumin	4.47	g/dL	3.50 - 5.50
Globulin	2.6	g/dL	2.0 - 4.0
A/G Ratio	1.7		

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LIVER FUNCTION TEST

Test	Observed Value	Unit	Biological Reference Interval
BILIRUBIN			
Total Bilirubin	0.5	mg/dL	0.00 - 1.20
Direct Bilirubin	0.2	mg/dL	0.00 - 0.40
Indirect Bilirubin	0.30	mg/dL	0.30 - 1.00
SGPT(ALT)	20.13	U/L	0.0 - 40.0
SGOT (AST)	22.4	U/L	0.0 - 46.0
Alkaline Phosphatase	71.3	U/L	40-129
PROTEINS			
Total Protein	7.1	g/dL	6.0 - 8.0
Albumin	4.47	g/dL	3.50 - 5.50
Globulin	2.6	g/dL	2.0 - 4.0
A/G Ratio	1.7		

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URINE ANALYSIS

Test	Observed Value	Unit	Biological Reference Interval
Sample	Fresh Urine		
<u>PHYSICAL EXAMINATION</u>			
Quantity	10.0	mL	
Colour	Pale-Yellow		
Appearance	Clear		Clear
pH	6.0		
Specific Gravity	1.020		
Sediments	Absent		Absent
<u>CHEMICAL EXAMINATION</u>			
Protein (Albumin)	Absent		Absent
Sugar	Absent		Absent
Bile Salts	Absent		Absent
Bile Pigment	Absent		Absent
Ketone	Absent		Absent
Occult Blood	Absent		Absent
Nitrite	Absent		Absent
Leukocyte Esterase	Absent		Absent
Urobilinogen	Normal		Normal
<u>MICROSCOPIC EXAMINATION</u>			
Pus Cells	3-5	/hpf	Absent
Red Blood Cells	Absent	/hpf	Absent
Epithelial Cells	2-3	/hpf	Absent
Crystals	Absent		Absent
Amorphous material	Absent		Absent
Casts	Absent		Absent
Yeast	Absent		Absent
Bacteria	Absent		Absent

--- End of Report ---

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