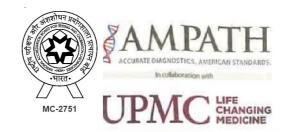
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LABORATORY REPORT

PATIENT INFORMATION

OP/IP/DG#:



SPECIMEN INFORMATION SAMPLE TYPE





REPORT STATUS

: Final Report

HAEMATOLOGY	HA	\EM	AT	OL(ogy
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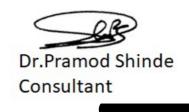
Test Name (Methodology) Result Flag Units Biological Reference Interval

Alcohol Risk Check

Complete Blood Counts

(Automated Hematology Analyzer & Microscopy)

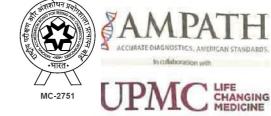
Total Leukocyte Count	13.4	Н	10³/µl	4.0 - 11.0
RBC Count	4.8	Н	10^6/µL	3.8 - 4.8
Hemoglobin	11.8	L	g/dL	12.0 - 15.0
Hematocrit	39.5	L	%	40 - 50
MCV(Mean Corpuscular Volume)	82.0	L	fL	83 - 101
MCH(Mean Corpuscular Hemoglobin)	24.6	L	pg	27 - 32
MCHC(Mean Corpuscular Hemoglobin Concentration)	30.0	L	g/dL	31.5 - 34.5
RDW	18.6	Н	%	11.6 - 14
Platelet Count	179		10³/µl	150 - 410
MPV	13.4	Н	fL	7.5 - 11.5
Differential Counts % (VCSN)				
Neutrophils	75.0		%	40-80%
Lymphocytes	1 <mark>8.0</mark>	L	%	20-40%
Monocytes	7.0		%	2-10%
Eosinophils	0.0	L	%	1-6%
Basophils	0.0		%	0-1%
Differential Counts, Absolute				
Absolute Neutrophil Count	10.05	Н	10³/µl	2.0-7.0
Absolute Lymphocyte Count	2.41		10³/µl	1.0-3.0
Absolute Monocyte Count	0.94		10³/µl	0.2 - 1.0
Absolute Basophil Count	0.10		10³/µl	0.02 - 0.1



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Serilingampally Hyderabad – 500019 040 6719 9977,www.ampath.com



LABORATORY REPORT

PATIENT INFORMATION **REFERRED BY** SPECIMEN INFORMATION SAMPLE TYPE : Serum OP/IP/DG# **REPORT STATUS** : Final Report

BIOCHEMISTRY

Test Name (Methodology) Result Flag Units **Biological Reference Interval**

Alcohol Risk Check

Lipid profile mini(CHOLESTROL, TG, HDL, LDL (Calculation), VLDL (Calculation)

Lipid promo mini(orio LLo rivo L, ro, ric	L , LDL (Gaigaiatio	, , • ==		'/
Cholesterol Total - Serum (Enzymatic colorimetric)	176.0		mg/dL	<200 No risk 200-239 Moderate risk >240 High risk
Triglycerides (Enzymatic colorimetry)	117.6		mg/dL	Normal: <150 Borderline-high: 150–199 High risk 200–499 Very high risk >500
Cholesterol - HDL (Direct) (Enzymatic colorimetric)	41.4		mg/dL	<40 High Risk >60 No Risk
VLDL (Very Low Density Lipoprotein) (Calculation)	23.5		mg/dL	<30
LDL Chol, Calculated	111.08	Н	mg/dL	<100
LFT MINI(SGOT, SGPT, BILIRUBIN (D),E	BILIRUBIN TOTAL,	INDIREC	CT, ALP)	
Aspartate Aminotransferase (AST/SGOT) (IFCC kinetic)	13		U/L	<31
Alanine aminotransferase - (ALT / SGPT)	12		11/1	<33

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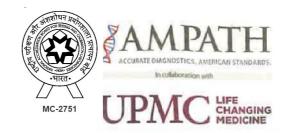
Aspartate Aminotransferase (AST/SGOT) (IFCC kinetic)	13		U/L	<31
Alanine aminotransferase - (ALT / SGPT) (Kinetic IFCC)	12		U/L	<33
Bilirubin Total (Diazo method)	0.74		mg/dL	<1.1
Bilirubin Conjugated (Diazo method)	0.25	Н	mg/dL	<=0.2
Bilirubin Unconjugated, Indirect (Calculation)	0.49		mg/dL	<1.0
Alkaline Phosphatase - ALP (IFCC kinetic)	178.0	Н	U/L	<104

Sanjute Dr.Sanjeeta

Consultant- Biochemist

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LABORATORY REPORT

PATIENT INFORMATION



SPECIMEN INFORMATION
SAMPLE TYPE

REPORT STATUS





OP/IP/DG#:

CLINICAL PATHOLOGY

Test Name (Methodology) Result Flag Units Biological Reference Interval

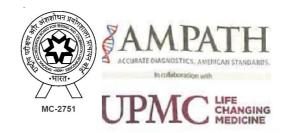
Alcohol Risk Check

Urine Examination - Routine & Microscopy (CUE)

PHYSICAL EXAMINATION:

Volume 5.00 mL Colour Pale yellow Pale **Appearance** Clear Clear **CHEMICAL EXAMINATION:** 5.00 4.8 - 7.4pН (Dip stick) Specific Gravity 1.020 1.010 - 1.022 (Dip Stick(Bromothymol blue)) Positive 1+ Protein Negative (Dip Stick/ Sulfosalicylic acid) Glucose Negative Negative (Dip Stick /Benedicts test) Ketones Negative Negative (Dip stick) Urobilinogen Normal Normal (Dip Stick / Ehrlich reaction) Nitrite Negative Negative (Dip Stick / (Griess test)) Bilirubin Negative Negative (Dipstick/diazo) Negative Negative Blood (Dip Stick (Peroxidase)) MICROSCOPIC EXAMINATION: Pus Cells 6-8 Н /HPF 0 - 5 **Epithelial Cells** 2-3 /HPF < 5 **RBCs** Nil /HPF 0 - 2 Casts Absent /LPF Absent Crystals Absent /HPF Absent

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LABORATORY REPORT

PATIENT INFORMATION

OP/IP/DG#

REFERRED BY

SPECIMEN INFORMATION SAMPLE TYPE

REPORT STATUS

: Urine

: Final Report

CLINICAL PATHOLOGY

Result

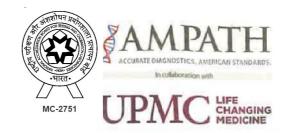
Flag Units **Biological Reference Interval**

Alcohol Risk Check

Test Name (Methodology)

Dr. Anumeha Chaturvedi Consultant

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LABORATORY REPORT

PATIENT INFORMATION
REFERRED BY
SAMPLE TYPE
: Serum
OP / IP / DG # :
REPORT STATUS : Final Report

BIOCHEMISTRY					
Test Name (Methodology)	Result	Flag	Units	Biological Reference Interval	
Alcohol Risk Check					
Uric acid					
Uric acid (Uricase)	5.2		mg/dL	3.4-7	
Blood Urea Nitrogen, BUN - Serum					
Blood Urea Nitrogen (BUN) (Calculation)	7.66		mg/dL	7-19	
Creatinine (Modified Jaffe Kinetic)	0.65		mg/dL	< 1.20	
Protein Total, Serum	.5				
Protein Total, Serum (Biuret Method)	8.3		g/dL	6.4-8.3	
Urea (Kinetic, Urease)	16.4		mg/dL	16 - 38	
Calcium - Serum					
Calcium - Serum (NM-BAPTA)	10 <mark>.20</mark>	Н	mg/dL	8.6 - 10.0	
Electrolytes (Na, K, Cl) - Serum					
Sodium - Serum (ISE Indirect)	140.0		mmol/L	136 - 145	
Potassium (ISE Indirect)	4.30		mmol/L	3.5-5.1	
Chloride - Serum (ISE Indirect)	97.3	L	mmol/L	98-107	
Vitamin D, 25-Hydroxy					
Vitamin D, 25-Hydroxy (ECLIA)	27.6	L	ng/ml	Deficient: <=20 Insufficiency: 20-29 Desirable: >=30-100 Toxicity: >100	

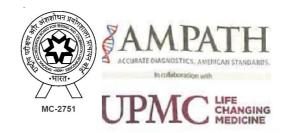
Interpretation:

- Interpretation:
 - O Vitamin D is a fat soluble vitamin produced in the skin by exposure to sun light. Deficiency in children causes rickets and in adults

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LABORATORY REPORT

PATIENT INFORMATION

OP/IP/DG # :









BIOCHEMISTRY

Test Name (Methodology) Result Flag Units Biological Reference Interval

Alcohol Risk Check

leads to osteomalacia

Decreased:

- Impaired cutaneous production (lack of sunlight exposure)
- Dietary absence
- Malabsorption
- O Increased metabolism due to drugs like barbiturates, phenytoin.
- Liver disease
- Renal failure
- VIT D receptor mutation

Increased:

O Vitamin D intoxication due to increased vit D supplements intake

Vitamin B12

Vitamin B12 (ECLIA) 474.5

pg/mL

191-771

Interpretation:

• Vitamin B12 also referred to as cobalamin is a water soluble vitamin. The uptake in the gastro intestinal track depends on intrinsic factor, which is synthesised by gastric parietal cells

Deficiency state:

- Lack of intrinsic factor due to autoimmune atrophic gastritis
- Mal-absorption due to gastrostomy
- Inflammatory bowel disease
- Dietary deficiency (strict vegans)
- Vit B12 deficiency results in megaloblastic anaemia, peripheral neuropathy, dementia and depression

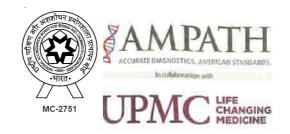
Increased levels:

- VIT B12 supplement intake
- Polycythaemia Vera.

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LABORATORY REPORT

PATIENT INFORMATION

REFERRED BY

SPECIMEN INFORMATION SAMPLE TYPE

REPORT STATUS

: Serum : Final Report



OP/IP/DG#

BIOCHEMISTRY

Test Name (Methodology) Result Flag **Units Biological Reference Interval**

Alcohol Risk Check

hs CRP (C-Reactive Protein high sensitive)

hs CRP (C-Reactive Protein high sensitive) (Immunoturbidimetry)

86.75

Н mg/L Relative risk: < 1.0 Average: 1.0-3.0

High risk: > 3.0

---- End Of Report ----

Sanjute Dr.Sanjeeta

Consultant- Biochemist