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MEDICOVER
HOSPITALS

DEPARTMENT OF HAEMATOLOGY

CHANDANAGAR

Patient Name : Mr. PALADI BALA SWAMY	Age / Gender : 34 Y(s)/Male
Bill No/ UMR No : CHB2400888/CHU2400685	Referred By : Dr. GENERAL MEDICINE CONSUL
Bill Dt : 13-Apr-2024 7:27 pm	Report Date : 13-Apr-24 11:25 pm
Received Date : 13-Apr-2024 7:50 pm	

Specimen

BLOOD GROUPING RH TYPING

BLOOD GROUP	BLOOD	" O "
Rh TYPING		POSITIVE

Erythrocyte Sedimentation Rate (ESR)

1 Hour	06 mm/hr	01 - 20 mm	westergren's
--------	----------	------------	--------------

COMPLETE BLOOD COUNT

HAEMOGLOBIN	16.5	13.2 - 17.3 g/dL	Automated Cell Counter cyanmethemoglobin
RED BLOOD CELLS	5.3	4.5 - 6 mill/cumm.	Automated Cell Counter Electrical Impedance
PCV (PACKED CELL VOLUME)	50.2	40 - 50 %	Automated Cell Counter Calculated
MCH (Mean Corpuscular Hemoglobin)	30.7	27 - 32 pg	Automated cell counter calculated
MCHC (Mean Corpuscular Hemoglobin Concentration)	32.8	31.5 - 34.5 g/dl	Automated cell counter calculated
MCV (MEAN CORPUSCULAR VOLUME)	94.0	83 - 101 fl	Automated Cell Counter Calculated
WHITE BLOOD CELLS (WBC)	5,900	4000 - 11000 Cells/cumm.	Automated Cell Counter Electrical Impedance

DIFFERENTIAL COUNT

NEUTROPHILS	EDTA BLOOD	53	40 - 75 %	Microscopy
LYMPHOCYTES		32	20 - 40 %	Microscopy
EOSINOPHILS		05	0 - 6 %	Microscopy
MONOCYTES		10	0 - 10 %	Microscopy
BASOPHILS		00	0 - 1 %	Microscopy
BAND FORMS		00	0 - 1 %	Microscopy
PLATELET COUNT		2.3	1.5 - 4.5 Lakhs/cumm.	Automated Cell Counter Electrical Impedance

PERIPHERAL SMEAR

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Page 2 of 3



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DEPARTMENT OF BIOCHEMISTRY

CHANDANAGAR

Patient Name : Mr. PALADI BALA SWAMY	Age /Gender :34 Y(s)/Male
Bill No/ UMR No : CHB2400888/CHU2400685	Referred By :Dr. GENERAL MEDICINE CONSUL
Bill Dt : 13-Apr-2024 7:27 pm	Report Date :13-Apr-24 11:25 pm
Receiving Dt : 13-Apr-2024 7:50 pm	Service No :CHB2400888

LIVER FUNCTION TESTS (LFT)

<u>Parameters</u>	<u>Specimen</u>	<u>Result</u>	<u>Biological Reference Intervals</u>	<u>Method</u>
TOTAL BILIRUBIN	SERUM	0.7	0.2 - 1.1 mg/dL	Diazotization
DIRECT (CONJUGATED) BILIRUBIN		0.2	0.0 - 0.25 mg/dL	Diazotization
INDIRECT BILLIRUBIN		0.5		
SGOT (AST)		29	9 - 48 U/L	Uv kinetic with P5P
SGPT (ALT)		38	0.0 - 50.0 U/L	Uv kinetic with P5P
ALKALINE PHOSPHATASE (ALP)		60	40 - 110 U/L	p-NPP AMP Buffer
TOTAL SERUM PROTEINS		7.3	6.4 - 8.2 g/dL	Biuret reaction
SERUM ALBUMIN		4.7	3.2 - 4.6 g/dL	Bromocresol purple
GLOBULINS		2.6		Calculated
A/G RATIO		1.8	0.8 - 2.0	Calculated

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Swathi S

CONSULTANT HISTO PATHOLOGIST

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Patient Name : Mr. PALADI BALA SWAMY	Age / Gender : 34 Y(s)/Male
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Bill Dt : 13-Apr-2024 7:27 pm	Report Date : 13-Apr-24 11:25 pm
Receiving Dt : 13-Apr-2024 7:50 pm	Service No : CHB2400888

LIPID PROFILE

<u>Parameters</u>	<u>Specimen</u>	<u>Result</u>	<u>Biological Reference Intervals</u>	<u>Method</u>
<u>LIPID PROFILE</u>				
TOTAL CHOLESTEROL	SERUM	229	Desirable : < 200 mg/dL Border line : 200 - 240 mg/dL High : > 240 mg/dL : 0 - 200 mg/dL	Cholesterol esterase
HDL CHOLESTEROL		37	Desirable : >= 40 mg/dL : 40 - 60 mg/dL	Direct measure-PEG
LDL CHOLESTEROL		148	Border line : 100 - 130 mg/dL Desirable : < 100 mg/dL High : > 130 mg/dL : 100 - 130 mg/dL	Calculated
VLDL		44	0 - 40 mg/dL	Calculated
SERUM TRIGLYCERIDES		221	High : > 400 mg/dL Desirable : < 200 mg/dL Border line : 200 - 240 mg/dL : 0 - 200 mg/dL	Lipoprotein Lipase
TCHL / HDL RATIO		6.1	0.8 - 2.0	Calculated

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CONSULTANT HISTO PATHOLOGIST

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DEPARTMENT OF BIOCHEMISTRY

CHANDANAGAR

Patient Name : Mr. PALADI BALA SWAMY	Age /Gender : 34 Y(s)/Male
Bill No/ UMR No : CHB2400888/CHU2400685	Referred By : Dr. GENERAL MEDICINE CONSUL
Bill Dt : 13-Apr-2024 7:27 pm	Report Date : 13-Apr-24 11:25 pm
Received Date : 13-Apr-2024 7:50 pm	

<u>Parameters</u>	<u>Specimen</u>	<u>Result</u>	<u>Biological Reference Intervals</u>	<u>Method</u>
BLOOD UREA NITROGEN (BUN)	SERUM	7.0	7.0 - 21.0 mg/dL	Urease kinetic
PLBS (POST LUNCH BLOOD GLUCOSE)		101	80 - 160 mg/dL	Hexokinase
FASTING PLASMA /SERUM GLUCOSE (FBS)		82	70 - 110 mg/dL	Hexokinase
BUN / CREATININE RATIO				
BLOOD UREA NITROGEN (BUN)		7.0	7.0 - 21.0 mg/dL	Urease kinetic
SERUM CREATININE		1.0	0.8 - 1.3 mg/dL	Alkaline Picrate
URIC ACID		8.0	3.5 - 7.2 mg/dL	URICASE

*** End Of Report ***

Dr. SWATHI S, MBBS, MD
CONSULTANT HISTO PATHOLOGIST

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Page 3 of 3



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CHANDANAGAR

DEPARTMENT OF LABORATORY

Patient Name : Mr. PALADI BALA SWAMY	Age /Gender : 34 Y(s)/Male
Bill No/ UMR No : MCB172235/CHU2400685	Referred By : Dr. MEDICAL OFFICER
Received Dt : 13-Apr-24 08:17 pm	Report Date : 13-Apr-24 09:58 pm

<u>Parameters</u>	<u>Specimen</u>	<u>Result</u>	<u>Biological Reference Intervals</u>	<u>Method</u>
HBA1C (GLYCOSYLATED HAEMOGLOBIN)				
HBA1C	Whole Blood	4.8	Normal : < 5.7% Pre diabetic : 5.7 % - 6.5 % Diabetic : > 6.5 %	HPLC
MPG(Mean Plasma Glucose)		93.58	Excellent Control : 90 - 120 mg/dl Good Control : 121 - 150 mg/dl	
NOTE VITAMIN B12		249.3	197 - 771 pg/mL	Method : ECLIA
GAMMA GT				
GAMMA GLUTAMYL TRANSFERASE(GGT)		36	10 - 71 U/L	Method : G-glutamyl-carboxy-nitr oanilide - IFCC Ref.
T3,T4 AND TSH				
T3		1.29	0.8 - 2.0 ng/mL	Method : ECLIA
T4		7.54	5.1 - 14.1 ug/dL	Method : ECLIA
TSH(THYROID STIMULATING HORMONE)		3.44	0.270 - 4.20 uIU/mL	Method : ECLIA
VITAMIN D(25 OH)				
25 OH VITAMIN D		12.75	Insufficient : 21 - 29 ng/mL Deficient : <= 20 ng/mL Sufficient : 30 - 100 ng/mL Potential toxicity : > 100 ng/mL	Method : ECLIA
PSA (PROSTATE SPECIFIC ANTIGEN).				
PROSTATE SPECIFIC ANTIGEN (PSA)		0.90	0 - 4.0 ng/mL	Method : ECLIA

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LABORATORY REPORT : BIOCHEMISTRY

CHANDANAGAR

Patient Name : Mr. PALANKI HEMANTH KUMAR	Age /Gender : 33 Y(s)/Male
Bill No/ UMR No : MCB172147/CHU2400641	Referred By : Dr. MEDICAL OFFICER
Received Dt : 13-Apr-24 12:25 pm	Report Date : 13-Apr-24 02:43 pm

TSH (THYROID STIMULATING HORMONE)

<u>Parameters</u>	<u>Specimen</u>	<u>Result</u>	<u>Biological Reference Intervals</u>	<u>Method</u>
TSH	Serum	1.55	0.270 - 4.20 ulU/ml	Method: ECLIA
*** End Of Report ***				

Suggested Clinical Correlation * If necessary, Please discuss

Test results related only to the item tested.

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HOSPITALS

DEPARTMENT OF LABORATORY

CHANDANAGAR

Patient Name : Mr. PALADI BALA SWAMY	Age / Gender : 34 Y(s)/Male
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Bill Dt : 13-Apr-2024 7:27 pm	Report Date : 13-Apr-24 11:25 pm
Received Date : 13-Apr-2024 7:50 pm	

<u>Parameters</u>	<u>Specimen</u>	<u>Result</u>	<u>Biological Reference Intervals</u>	<u>Method</u>
COMPLETE URINE TEST				
COLOUR	URINE	PALE YELLOW	Pale yellow	
PH		6.0	5.0 - 7.5	
SP. GRAVITY		1.020	1.010 - 1.025	
BILE SALTS		NIL	Negative	
BILE PIGMENTS		NIL	Negative	
KETONE BODIES		NIL	Negative	
BLOOD		NIL	Absent	
SUGAR		NIL	Negative	
ALBUMIN		NIL	Negative	
<u>MICROSCOPIC EXAMINATION</u>				
PUS CELLS	URINE	4 - 5/hpf	2 - 3 /HPF	
RBC		NIL	0.0 - 1.0	
EPITHELIAL CELLS		3 - 4/hpf	1 - 2 /HPF	
CASTS		NIL	Absent	
CRYSTALS		NIL	Absent	

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Page 1 of 3