

Patient Name :	Mr.HINGOLE PRAVINKUMAR BHIMRAO	Bill Date :	14-09-2024 09:35 AM
Age / Gender :	41Y(s) 2M(s) 11D(s)/Male	Collected Date :	14-09-2024 10:06 AM
Lab Ref No/UHID :	PS010148/P00000526566	Received Date :	14-09-2024 02:09 PM
Lab No/Result No :	2400384576/1379169	Report Date :	14-09-2024 02:14 PM
Referred By Dr. :	HOSPITAL CASE	Specimen :	SERUM
		Processing Loc :	RHC Hinjawadi



DEPARTMENT OF LABORATORY MEDICINE-BIOCHEMISTRY

Investigation	Result	Units	Biological Reference Interval
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FBS

Glucose (Fasting). Method : GOD-POD	:85	mg/dL	Prediabetic : 100 - 125 Diabetic : >= 126 Normal : < 100.0
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REFERENCE : ADA 2015 GUIDELINES

CREATININE

Creatinine Method : Enzymatic	:1.0	mg/dL	0.6 - 1.3
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BUN

Urea Nitrogen(BUN) Method : Calculated	:9.81	mg/dL	6.0 - 20.0
Urea Method : Urease	:21	mg/dL	12.8-42.8

CALCIUM

Calcium Method : Arsenazo	:9.3	mg/dL	8.6 - 10.2
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PHOSPHOROUS

Phosphorus Method : Phospho Molybdate	:3.2		2.7-4.5
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URIC ACID

Uric Acid Method : Uricase	:6.0	mg/dL	3.5-7.2
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LFT

Total Bilirubin Method : Diazo	:1.0	mg/dL	0.3 - 1.2
Direct Bilirubin Method : Diazo	:0.3	mg/dL	0-0.4
Indirect Bilirubin Method : Diazo	:0.7	mg/dL	0.0 - 0.8
Alanine Transaminase (ALT) Method : Kinetic	:24.0	U/L	<50
Aspartate Transaminase (AST) Method : Kinetic	:21.0	U/L	10.0 - 40.0

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Lab No/Result No :	2400384576/1379169	Report Date :	14-09-2024 02:49 PM
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DEPARTMENT OF LABORATORY MEDICINE-BIOCHEMISTRY

Investigation	Result	Units	Biological Reference Interval
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LFT

Alkaline Phosphatase	: 102.0	U/L	30.0 - 115.0
<i>Method : 4NPP/AMP BUFFER</i>			
Total Protein	: 7.4	g/dl	6.0 - 8.0
<i>Method : Biuret</i>			
Albumin	: 4.5	g/dl	3.5-4.8
<i>Method : BCG</i>			
Globulin	: 2.9	gm/dL	2.3-3.5
<i>Method : Calculated</i>			
A/G Ratio	: 1.55		
<i>Method : Calculated</i>			

TOTAL PROTEINS (Total Protein Albumin+Globulin)

Total Protein	: 7.4	g/dl	6.0 - 8.0
<i>Method : Biuret</i>			
Albumin	: 4.5	g/dl	3.5-4.8
<i>Method : BCG</i>			
Globulin	: 2.9	gm/dL	2.3-3.5
<i>Method : Calculated</i>			
A/G Ratio	: 1.55		
<i>Method : Calculated</i>			

T3-T4-TSH -

Tri-Iodothyronine, (Total T3)	: 1.43	ng/ml	0.97-1.69
<i>Method : Enhanced Chemiluminescence</i>			
Thyroxine (T4), Total	: 8.02	ug/dl	5.53-11.01
<i>Method : Enhanced Chemiluminescence</i>			
Thyroid Stimulating Hormone (Ultra).	: 7.226	uIU/mL	0.40-4.04
<i>Method : Enhanced Chemiluminescence</i>			

1.The TSH levels are subject io diurnal/circadian variation. reaching to peak leve between 2 to 4 am. and at a minimum between 6 to10 pm. The variation is to the order of 50%, hence the time when sample is collected has influence on the levels of TSH 2.Many substances produced in central nervous system, even in healthy euthyroid individuals, may enhance or suppress TSH production in addition to the feedback effect of thyroid hormone . 3.Furthermore, although TSH levels rise and fall in response to changes in the concentration of Free T4, individuals appear to have their own setpoints and factors such as race and age also contribute to variability in TSH levels Alterations of normal pituitary response are also common in patients with a variety of illnesses which can affect the levels of TSH. 4.Interassay variations are possible on different Immunoassay platforms.

Note. : Suggested clinical correlation and follow up

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TSH - For pregnancy the reference range is as follows -
1st trimester : 0.6 - 3.4 uIU/mL
2nd trimester : 0.37 - 3.6 uIU/mL
3rd trimester : 0.38 - 4.04 uIU/mL

PSA BLOOD

Prostate Specific Antigen (PSA) : 0.641 ng/ml 00-4.0

Method : Enhanced Chemiluminiscence

*** End Of The Report ***

Verified By
Snehal

Dr.POOJA PATHAK
Associate Consultant

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Lab No/Result No	: 2400384577/1379169	Report Date	: 14-09-2024 02:30 PM
Referred By Dr.	: HOSPITAL CASE	Specimen	: EDTA WHOLE BLC
		Processing Loc	: RHC Hinjawadi



DEPARTMENT OF LABORATORY MEDICINE-HAEMATOLOGY

Investigation	Result	Units	Biological Reference Interval
HAEMOGRAM/CBC/CYTO			
W.B.C.Count	: 6490	/ul	4000-11000
<i>Method : Coulter Principle</i>			
Neutrophils	: 40.4	%	40-75
<i>Method : Derived from WBC Histogram</i>			
Lymphocytes	: 48.5	%	20-40
Monocytes	: 7.6	%	2-10
Eosinophils	: 2.9	%	1.0-6.0
Basophils	: 0.6	%	0.0-1.0
%Immature Granulocytes	: 0.0	%	0.00-0.10
Absolute Neutrophil Count	: 2.6	x10 ³ cells/ul	2-7
<i>Method : Calculated</i>			
Absolute Lymphocyte Count	: 3.2	x10 ³ cells/ul	1 - 3
<i>Method : Calculated</i>			
Absolute Monocyte Count	: 0.5	x10 ³ cells/ul	0.2-1.0
<i>Method : Calculated</i>			
Absolute Eosinophil Count	: 0.2	x10 ³ cells/ul	0.02-0.5
<i>Method : Calculated</i>			
Absolute Basophil Count	: 0.04	x10 ³ cells/ul	0.02-0.1
<i>Method : Calculated</i>			
R.B.C Count	: 5.21	million/ul	4.5 - 6.5
<i>Method : Coulter Principle</i>			
Haemoglobin	: 14.8	g/dl	13 - 17
<i>Method : Cyanmethemoglobin Photometry</i>			
Haematocrit	: 45.8	%	40-50
<i>Method : Calculated</i>			
MCV	: 87.9	fl	83-99
<i>Method : Coulter Principle</i>			
MCH	: 28.4	pg	27 - 32
<i>Method : Calculated</i>			
MCHC	: 32.3	g/dl	31.5 - 34.5
<i>Method : Calculated</i>			
RDW	: 13.3	%	11.6-14.0
<i>Method : Calculated From RBC Histogram</i>			
Platelet Count	: 194.0	x10 ³ /ul	150 - 450
<i>Method : Coulter Principle</i>			
MPV	: 11.3	fl	7.8-11
<i>Method : Coulter Principle</i>			

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Lab No/Result No	: 2400384577/1379169	Report Date	: 14-09-2024 01:30 PM
Referred By Dr.	: HOSPITAL CASE	Specimen	: EDTA WHOLE BLC
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RBC Morphology	: Normocytic normochromic
WBC Morphology	: Relative Lymphocytosis
Platelet	: Adequate

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Lab Ref No/UHID : PS010148/P00000526566
Lab No/Result No : 2400385290P/1379169
Referred By Dr. : HOSPITAL CASE

Bill Date : 14-09-2024 09:35 AM
Collected Date : 14-09-2024 12:14 PM
Received Date : 14-09-2024 02:09 PM
Report Date : 14-09-2024 02:55 PM
Specimen : SERUM
Processing Loc : RHC Hinjawadi



DEPARTMENT OF LABORATORY MEDICINE-BIOCHEMISTRY

Investigation	Result	Units	Biological Reference Interval
PPBS Glucose (Post Prandial) <i>Method : GOD-POD</i>	: 113	mg/dL	60-140

*** End Of The Report ***

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Ruhi S

Dr.POOJA PATHAK
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Received Date : 14-09-2024 02:09 PM
Report Date : 14-09-2024 03:13 PM
Specimen : EDTA WHOLE BLC
Processing Loc : RHC Hinjawadi



DEPARTMENT OF LABORATORY MEDICINE-HAEMATOLOGY

Investigation	Result	Units	Biological Reference Interval
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ESR

ESR At 1 Hour : 13 mm/hr 0 - 15

Method : Modified Westergren Method

INTERPRETATION :

ESR is a screening test to detect presence of systemic disease; however a normal result does not rule out a systemic disease.

ESR is also used to monitor course of disease or response to therapy if initially elevated.

*** End Of The Report ***

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Lab No/Result No : 2400384576/1379169
Referred By Dr. : HOSPITAL CASE

Bill Date : 14-09-2024 09:35 AM
Collected Date : 14-09-2024 10:06 AM
Received Date : 14-09-2024 02:09 PM
Report Date : 14-09-2024 03:07 PM
Specimen : SERUM
Processing Loc : RHC Hinjawadi



DEPARTMENT OF LABORATORY MEDICINE-BIOCHEMISTRY

Investigation	Result	Units	Biological Reference Interval
ELECTROLYTES (Na & K)			
Sodium <i>Method : Potentiometric</i>	: 139.0	mmol/L	136.0 - 145.0
Potassium <i>Method : Potentiometric</i>	: 3.7	mmol/L	3.5 - 5.1
Chloride <i>Method : Potentiometric</i>	: 99.0	mmol/L	98.0 - 107.0

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Age / Gender :	41Y(s) 2M(s) 11D(s)/Male	Collected Date :	14-09-2024 04:09 PM
Lab Ref No/UHID :	PS010148/P00000526566	Received Date :	14-09-2024 02:09 PM
Lab No/Result No :	2400386094/1379169	Report Date :	14-09-2024 05:37 PM
Referred By Dr. :	HOSPITAL CASE	Specimen :	URINE
		Processing Loc :	RHC Hinjawadi



DEPARTMENT OF LABORATORY MEDICINE-CLINICAL PATHOLOGY

Investigation	Result	Units	Biological Reference Interval
URINE ROUTINE			
PHYSICAL EXAMINATION			
Colour	: Pale Yellow		
Appearance	: Clear		
CHEMICAL TEST			
Ph	: 5.0		5.0-7.0
Specific Gravity	: 1.015		1.015-1.030
Albumin	: Absent		Abset
Urine Glucose	: Absent	mg/dL	
Ketone Bodies	: Absent		Absent
Bile Pigments	: Absent		Absent
<i>Method : Photometric Measurement</i>			
Urobilinogen	: Normal		Normal
Nitrites	: Absent		Absent
Leucocytes Esterase	: Absent		Absent
MICROSCOPIC TEST			
Pus Cells.	: 1-2	/hpf	0 - 5
Red Blood Cells.	: Absent	/hpf	0 - 2
Epithelial Cells.	: 1-2	/hpf	0-5
Bacteria	: Absent	/hpf	Absent
Cast	: Absent		Absent
Yeast Cells	: Absent		Absent
Crystals	: Absent		Absent

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Verified By
SACHIN

Dr.POOJA PATHAK
Associate Consultant

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Referred By Dr. :	HOSPITAL CASE	Specimen :	SERUM
		Processing Loc :	RHC Hinjawadi



DEPARTMENT OF LABORATORY MEDICINE-BIOCHEMISTRY

Investigation	Result	Units	Biological Reference Interval
LIPID PROFILE			
Cholesterol	: 177.0	mg/dL	130.0 - 220.0
<i>Method : Enzymatic</i>			
Triglycerides	: 116	mg/dL	35.0 - 180.0
<i>Method : Enzymatic</i>			
HDL Cholesterol	: 45	mg/dL	35-65
<i>Method : Enzymatic</i>			
LDL Cholesterol	: 108.8	mg/dL	10.0 - 130.0
<i>Method : Calculated</i>			
VLDL Cholesterol	: 23.2	mg/dL	5.0-36.0
<i>Method : Calculated</i>			
Cholestrol/HDL Ratio	: 3.93	--	2.0-6.2
<i>Method : Calculated</i>			

*** End Of The Report ***

Verified By
DM4

Dr.POOJA PATHAK
Associate Consultant

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Lab No/Result No	: 2400384577/1379169	Report Date	: 15-09-2024 10:07 AM
Referred By Dr.	: HOSPITAL CASE	Specimen	: EDTA WHOLE BLC
		Processing Loc	: RHC Hinjawadi



DEPARTMENT OF LABORATORY MEDICINE-BLOOD BANK

Investigation	Result	Units	Biological Reference Interval
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BLOOD GROUP

Blood Group : O RH POSITIVE

*** End Of The Report ***

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Anand

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Lab Ref No/UHID : PS010148/P00000526566
Lab No/Result No : 2400384578G/1379169
Referred By Dr. : HOSPITAL CASE

Bill Date : 14-09-2024 09:35 AM
Collected Date : 14-09-2024 10:06 AM
Received Date : 14-09-2024 02:09 PM
Report Date : 15-09-2024 09:58 AM
Specimen : WHOLE BLOOD
Processing Loc : RHC Hinjawadi



DEPARTMENT OF LABORATORY MEDICINE-HAEMATOLOGY

Investigation	Result	Units	Biological Reference Interval
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GLYCOSYLATED HB% (HbA1C)

Glycosylated Haemoglobin : 4.8 % 4-6.5

Method : Turbidometric Inhibition
Immunoassay

Prediabetic : 5.7 - 6.4 %
Diabetic : \geq 6.5 %
Therapeutic Target : $<$ 7.0 %

REFERENCE : ADA 2015 GUIDELINES

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