

Patient Name :	Mr.DHANVIJAY ATOOL NILCHAND	Bill Date :	16-09-2024 08:30 AM
Age / Gender :	34Y(s) 8M(s) 22D(s)/Male	Collected Date :	16-09-2024 08:45 AM
Lab Ref No/UHID :	PS010166/P00000698984	Received Date :	16-09-2024 10:39 AM
Lab No/Result No :	2400388010/1384746	Report Date :	16-09-2024 10:45 AM
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	:81	mg/dL	Prediabetic : 100 - 125 Diabetic : >= 126 Normal : < 100.0
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REFERENCE : ADA 2015 GUIDELINES

CREATININE

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

Urea Nitrogen(BUN) Method : Calculated	:12.15	mg/dL	6.0 - 20.0
Urea Method : Urease	:26	mg/dL	12.8-42.8

CALCIUM

Calcium Method : Arsenazo	:9.1	mg/dL	8.6 - 10.2
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PHOSPHOROUS

Phosphorus Method : Phospho Molybdate	:3.1		2.7-4.5
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URIC ACID

Uric Acid Method : Uricase	:7.8	mg/dL	3.5-7.2
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LFT

Total Bilirubin Method : Diazo	:1.6	mg/dL	0.3 - 1.2
Direct Bilirubin Method : Diazo	:0.2	mg/dL	0-0.4
Indirect Bilirubin Method : Diazo	:1.4	mg/dL	0.0 - 0.8
Alanine Transaminase (ALT) Method : Kinetic	:31.0	U/L	<50
Aspartate Transaminase (AST) Method : Kinetic	:34.0	U/L	10.0 - 40.0

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Lab No/Result No :	2400388010/1384746	Report Date :	16-09-2024 11:13 AM
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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LFT

Alkaline Phosphatase	:91.0	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	:4.4	g/dl	3.5-4.8
<i>Method : BCG</i>			
Globulin	:3	gm/dL	2.3-3.5
<i>Method : Calculated</i>			
A/G Ratio	: 1.47		
<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	:4.4	g/dl	3.5-4.8
<i>Method : BCG</i>			
Globulin	:3	gm/dL	2.3-3.5
<i>Method : Calculated</i>			
A/G Ratio	: 1.47		
<i>Method : Calculated</i>			

T3-T4-TSH -

Tri-Iodothyronine, (Total T3)	:1.67	ng/ml	0.97-1.69
<i>Method : Enhanced Chemiluminescence</i>			
Thyroxine (T4), Total	:10.6	ug/dl	5.53-11.01
<i>Method : Enhanced Chemiluminescence</i>			
Thyroid Stimulating Hormone (Ultra).	:4.001	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.

TSH - For pregnancy the referance range is as follows -
 1st -trimester : 0.6 - 3.4 uIU/mL

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Lab Ref No./UHID	: PS010166/P00000698984	Received Date	: 16-09-2024 10:59 AM
Lab No./Result No	: 21383746 21383746/10/1384746	Report Date	: 16-09-2024 11:13 AM
Referred By Dr.	: HOSPITAL CASE	Specimen	: SERUM
		Processing Loc	: RHC Hinjawadi



2nd trimester : 0.37 - 3.6 uIU/mL
3rd trimester : 0.38 - 4.04 uIU/mL

*** End Of The Report ***

Verified By
Ruhi S

Dr.POOJA PATHAK
Associate Consultant

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Lab Ref No/UHID :	PS010166/P00000698984	Received Date :	16-09-2024 10:29 AM
Lab No/Result No :	2400388011/1384746	Report Date :	16-09-2024 10:25 AM
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	: 6510	/ul	4000-11000
<i>Method : Coulter Principle</i>			
Neutrophils	: 37.9	%	40-75
<i>Method : Derived from WBC Histogram</i>			
Lymphocytes	: 52.4	%	20-40
Monocytes	: 8.0	%	2-10
Eosinophils	: 1.1	%	1.0-6.0
Basophils	: 0.6	%	0.0-1.0
%Immature Granulocytes	: 0.2	%	0.00-0.10
Absolute Neutrophil Count	: 2.5	x10 ³ cells/ul	2-7
<i>Method : Calculated</i>			
Absolute Lymphocyte Count	: 3.4	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	: 0.1	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	: 5.37	million/ul	4.5 - 6.5
<i>Method : Coulter Principle</i>			
Haemoglobin	: 14.7	g/dl	13 - 17
<i>Method : Cyanmethemoglobin Photometry</i>			
Haematocrit	: 45.9	%	40-50
<i>Method : Calculated</i>			
MCV	: 85.5	fl	83-99
<i>Method : Coulter Principle</i>			
MCH	: 27.4	pg	27 - 32
<i>Method : Calculated</i>			
MCHC	: 32.0	g/dl	31.5 - 34.5
<i>Method : Calculated</i>			
RDW	: 14.0	%	11.6-14.0
<i>Method : Calculated From RBC Histogram</i>			
Platelet Count	: 222.0	x10 ³ /ul	150 - 450
<i>Method : Coulter Principle</i>			
MPV	: 11.9	fl	7.8-11
<i>Method : Coulter Principle</i>			

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Lab Ref No/UHID	: PS010166/P00000698984	Received Date	: 16-09-2024 10:39 AM
Lab No/Result No	: 2400388011/1384746	Report Date	: 16-09-2024 10:26 AM
Referred By Dr.	: HOSPITAL CASE	Specimen	: EDTA WHOLE BLC
		Processing Loc	: RHC Hinjawadi



RBC Morphology	: Normocytic normochromic
WBC Morphology	: Relative Lymphocytosis
Platelet	: Adequate

*** End Of The Report ***

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Snehal

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Age / Gender : 34Y(s) 8M(s) 22D(s)/Male
Lab Ref No/UHID : PS010166/P00000698984
Lab No/Result No : 2400388689P/1384746
Referred By Dr. : HOSPITAL CASE

Bill Date : 16-09-2024 08:30 AM
Collected Date : 16-09-2024 12:05 PM
Received Date : 16-09-2024 10:39 AM
Report Date : 16-09-2024 05:46 PM
Specimen : SERUM
Processing Loc : RHC Hinjawadi



DEPARTMENT OF LABORATORY MEDICINE-BIOCHEMISTRY

Investigation	Result	Units	Biological Reference Interval
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PPBS

Glucose (Post Prandial) : 121 mg/dL 60-140

Method : GOD-POD

*** End Of The Report ***

Verified By
Atul

Dr. Anjana Sanghavi
Consultant Pathologist

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Lab No/Result No : 2400388011/1384746
Referred By Dr. : HOSPITAL CASE
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Collected Date : 16-09-2024 08:45 AM
Received Date : 16-09-2024 10:39 AM
Report Date : 16-09-2024 10:20 AM
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 : 11 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 : 2400388010/1384746
Referred By Dr. : HOSPITAL CASE

Bill Date : 16-09-2024 08:30 AM
Collected Date : 16-09-2024 08:45 AM
Received Date : 16-09-2024 10:39 AM
Report Date : 16-09-2024 11:27 AM
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>	: 4.1	mmol/L	3.5 - 5.1
Chloride <i>Method : Potentiometric</i>	: 102.0	mmol/L	98.0 - 107.0

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Age / Gender :	34Y(s) 8M(s) 22D(s)/Male	Collected Date :	16-09-2024 02:16 PM
Lab Ref No/UHID :	PS010166/P00000698984	Received Date :	16-09-2024 10:39 AM
Lab No/Result No :	2400388982/1384746	Report Date :	16-09-2024 04:19 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	: 6.5		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
Others	: Absent		Absent

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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	: 175.0	mg/dL	130.0 - 220.0
<i>Method : Enzymatic</i>			
Triglycerides	: 116	mg/dL	35.0 - 180.0
<i>Method : Enzymatic</i>			
HDL Cholesterol	: 34	mg/dL	35-65
<i>Method : Enzymatic</i>			
LDL Cholesterol	: 117.8	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	: 5.15	--	2.0-6.2
<i>Method : Calculated</i>			

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Bill Date : 16-09-2024 08:30 AM
Collected Date : 16-09-2024 08:45 AM
Received Date : 16-09-2024 10:39 AM
Report Date : 16-09-2024 11:28 AM
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 : B RH POSITIVE

*** End Of The Report ***

Verified By
Ardeore

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Age / Gender : 34Y(s) 8M(s) 22D(s)/Male
Lab Ref No/UHID : PS010166/P00000698984
Lab No/Result No : 2400388012G/1384746
Referred By Dr. : HOSPITAL CASE

Bill Date : 16-09-2024 08:30 AM
Collected Date : 16-09-2024 08:45 AM
Received Date : 16-09-2024 10:39 AM
Report Date : 16-09-2024 10:36 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 (HbA1C) : 4.1 % 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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