

Patient Name : **MR. MUNGAPARA NITINKUMAR SHAMBHUBHAI**
Patient ID : 44761
Age / Sex : 31 years / Male
Referred by : MEDIWHEEL
Bill ID : 73196

Collected : Dec 10, 2022, 10:43 a.m.
Reported : Dec 10, 2022, 03:44 p.m.
Sample ID :



204286

Test Description	Results	Units	Biological Reference Range
ULTRASENSITIVE THYROID STIMULATING HORMONE (TSH)			
Sample Type : Serum			
Ultrasensitive Thyroid Stimulative Hormone (TSH) [CLIA]	1.69	μ IU/mL	0.3 - 4.5 1st trimester - 0.1 - 2.5 μ IU/mL 2nd trimester - 0.2 - 3 μ IU/mL 3rd trimester - 0.3 - 3 μ IU/mL

Clinical Significance :-

1. Serum TSH concentrations exhibit a diurnal variation with the peak occurring during the night.
2. Useful for: Screening for thyroid dysfunction and detecting mild (subclinical), as well as overt, primary hypo- or hyperthyroidism in ambulatory patients.
3. Monitoring patients on thyroid replacement therapy.
4. Confirmation of thyroid-stimulating hormone (TSH) suppression in thyroid cancer patients on thyroxine suppression therapy.
5. Prediction of thyrotropin-releasing hormone-stimulated TSH response.

END OF REPORT

Dr. Sudhamani S. MD
Consultant Pathologist
Reg. No. : 90461

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Test Description	Results	Units	Biological Reference Range
Sample Type : Flouride R			
Fasting Blood Sugar [GOD - POD]	89.1	mg/dl	Normal : 70 - 99 mg/dl impaired Tolerance : 100 - 125mg/dl Diabetes Mellitus : >126 mg/dl
Technique :-	Fully Automated Biochemistry Analyser ERBA EM-200		

END OF REPORT

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BLOOD GROUP

Sample Type : EDTA / Whole Blood

ABO Grouping

"A"

Rh Grouping

POSITIVE

Note:

These report is for information purpose only. Blood group needs to be reconfirmed at the time of cross matching for blood transfusion.

****END OF REPORT****

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Test Description	Results	Units	Biological Reference Range
LIPID PROFILE			
Sample Type : Serum			
TOTAL CHOLESTEROL [CHOD-PAP]	244.4	mg/dL	Desirable : <200 mg/dl Borderline : 200 - 239mg/dl High : >240 mg/dl
TRIGLYCERIDES [Glycerol Phosphate Oxidase]	150.6	mg/dL	Desirable : <150 mg/dl Borderline : 150 - 199mg/dl High : >200mg/dl
HDL CHOLESTEROL [Direct]	48.6	mg/dL	Desirable : >40 mg/dl Borderline Risk : 35 mg/dl High Risk : <30 mg/dl
LDL CHOLESTEROL [Calculated]	165.68	mg/dL	Desirable : <100 mg/dl Borderline : 130 - 160mg/dl High : >160mg/dl
VLDL Cholesterol [Calculated]	30.12	mg/dL	Desirable : <26 mg/dl Borderline : >30 mg/dl
Total Chol / HDL Chol Ratio [Calculated]	5.03	mg/dL	Desirable : <5 %
LDL / HDL Ratio [Calculated]	3.41		1.00 - 3.55
NON-HDL CHOLESTEROL [Calculated]	195.80	mg/dL	Desirable : <130 mg/dl Borderline : 160 - 189 mg/dl High : >220 mg/dl

Technique:

Fully Automated Biochemistry Analyser ERBA EM-200.

END OF REPORT

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Test Description	Results	Units	Biological Reference Range
GLYCOCYLATED HAEMOGLOBIN			
Sample Type : EDTA / Whole Blood			
Glycocyated Haemoglobin (HbA1c) [Tosoh HPLC]	5.5	%	<5.7%NON DIABETIC 5.7-6.4% PRE-DIABETIC >6.5% DIABETIC <7.0% GOAL FOR DIABETIC ON TREATMENT
MEAN BLOOD GLUCOSE	111.15	mg/dL	116.89 - 154.2

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URINE ANALYSE REPORT

Sample Type : Urine

PHYSICAL EXAMINATION

COLOUR	Pale Yellow		
APPEARANCE	Clear		
REACTION (PH)	6.0		4.8 - 7.6
SPECIFIC GRAVITY	1.020		1.010 - 1.030
ALBUMIN	Absent		
GLUCOSE	Absent		
BLOOD (U)	Absent		
BILE PIGMENTS	Negative		
BILE SALTS	Absent		
KETONE	Negative		
LEUKOCYTES	Absent		
NITRITE	Absent		
UROBILINOGEN	Negative		

MICROSCOPY

PUS CELLS/hpf	1-2		
RBCs/hpf	Absent		
EPI.CELLS/hpf	1-2		
CASTS	Absent		
CRYSTALS	Absent		
BACTERIA	Absent		
Other	Absent		

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Test Description	Results	Units	Biological Reference Range
LIVER FUNCTION TEST			
Sample Type : Serum			
TOTAL BILIRUBIN [DIAZO]	0.51	mg/dl	0.3-1.3 mg/dl
BILIRUBIN-DIRECT [DIAZO]	0.22	mg/dl	0.1-0.4 mg/dl
BILLIRUBIN-INDIRECT [CALCULATED]	0.29	mg/dl	0.1-0.9 mg/dl
S.G.O.T. (AST) [IFCC without Pyridoxal Phosphate]	32.10	IU/L	5-40 IU/L
S.G.P.T.(ALT) [IFCC without Pyridoxal Phosphate]	31	IU/L	5-40 IU/L
ALKALINE PHOSPHATASE [Amino Methyl Propanol (AMP)]	62	IU/L	44-147 IU/L
TOTAL PROTEINS [BIURET]	7.51	IU/L	6.0 - 8.5g/dL
ALBUMIN [BROMO CRESOL GREEN (BCG)]	4.24	g/dl	3.5-5.0 g/dl
GLOBULIN [CALCULATED]	3.27	gm%	2.3-3.5 gm%
ALBUMIN/GLOBULIN RATIO [CALCULATED]	1.30		
GAMMA GT	26.20	U/L	0 - 45

Technique : Fully Automated Biochemistry Analyser ERBA EM-200

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SR. URIC ACID

Sample Type : Serum

Uric Acid [Uricase - POD]	7.0	mg/dl	3.6 - 7.7
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Technique :- Done On Fully Automated Biochemistry Analyser ERBA EM-200.

****END OF REPORT****

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Test Description	Results	Units	Biological Reference Range
Sample Type : Serum			
Creatinine	0.66	mg/dl	0.40 - 1.40
[Enzymatic]			
Formula			
Technique :-	Done On Fully Automated Biochemistry Analyser ERBA EM-200		

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Test Description	Results	Units	Biological Reference Range
BLOOD UREA LEVEL (BUL)			
Sample Type : Serum			
Urea	19.6	mg/dl	10 - 40
[Urease - GLDH]			
Bun	9.15	mg/dl	6 - 21
[Calculated]			
Technique :-	Done On Fully Automated Biochemistry Analyser ERBA EM-200		

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COMPLETE BLOOD COUNT

Sample Type : EDTA / Whole Blood

Hemoglobin	14.6	g/dl	13.0 - 17.0
RBC COUNT	5.19	Millions/c	4.5 - 5.5
PCV(Hematocrit)	44.3	%	40.0 - 50.0
Mean Cell Volume(MCV)	85.3	fl	80.0 - 100.0
Mean Cell Hemoglobin(MCH)	28.1	pg	27.0 - 33.0
Mean Cell Hb Conc(MCHC)	33	g/dl	32 - 36
RDW	13.6	%	11.50 - 14.50
Total Leucocytes (WBC) Count	6880	/cumm	4000-11000

DIFFERENTIAL COUNT

Neutrophils	48.8	%	40 - 70
Lymphocytes	40.4	%	20 - 50
Eosionphils	5.9	%	01 - 06
Monocytes	4.4	%	00 - 08
Basophils	0.5	%	00-01

SMEAR STUDY

RBC Morphology	Normocytic Normocromic.		
WBC Morphology	No E/o Toxic granules seen		
Platelets On Smear	Adequate on Smear		
Platelet Count	309000	/cumm	150000 - 450000
MPV	8.5	fL	6.5 - 10.0

Comments :-**Method:-**

HB:-Colorimetric, Total WBC:-Impedance/Flow Cytometry, HCT, MCV, MCH, MCHC, RDW-CV:-Calculate, Diff. Count: Flow Cytometry / Manual Stained Smear Microscopy, RBC: Impedance, Platelets : Impedance Method.

Technique :-

Fully Automated 5 part Diff. Cell Counter .

All Test Results are subjected to stringent international External and Internal Quality Control Protocols

END OF REPORT

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Test Description	Results	Units	Biological Reference Range
Sample Type : EDTA / Whole Blood			
ESR	10	Mm/hr	0 - 15
Method	Westergren		

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TOTAL THYROXINE (T4)

Sample Type : Serum

Total Thyroxine (T4)

54.76

ng/ml

52 - 127

[CLIA]

****END OF REPORT******Dr. Sudhamani S. MD**
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TOTAL TRIIODOTHYRONINE (T3)

Sample Type : Serum

TotalTriiodothyronine (T3) [CLIA]	1.84	ng/dL	0.69 - 2.15
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****END OF REPORT******Dr. Sudhamani S. MD**
Consultant Pathologist
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NAME- NITINKUMAR MUNGAPURA**DATE- 10/12/2022****AGE- 33/M****X-RAY CHEST PA**

The Soft Tissues And Bony Thorax Are Normal.

Both The Costophrenic And Cardiophrenic Angles Are Clear.

The Lung Field Are Normal.

Cardiac Shape And Size Appears Normal.

Both The Hila Are Normal In Density And Position.

Both The Domes Of Diaphragm And Mediastinum Are Normal.

Impression:-Normal Chest X-ray.



DR.MRUDULA BABAR
CONSULTANT RADIOLOGIST

Dr. MRUDULA BABAR
DMRE,CPS Mumbai 2009
(RADIOLOGIST)
Reg. No. 2005/03/2139