Patient Name	: **MRS. NAVJEET KAUR OTHI**		Collected	: Feb 12, 2022, 09:55 a.m.
Patient ID	: 34163		Reported	: Feb 12, 2022, 01:10 p.m.
Age / Sex	: 31 years / Female		Sample ID	:
Referred by	: MEDIWHEEL			
Bill ID	: 58702			165578

Test Description	Results	Units	Biological Reference Range
BLOOD UREA LEVEL (BUL)			
Sample Type : Serum			
Urea	12.60	mg/dl	10 - 40
[Urease - GLDH]			
Bun	**5.88**	mg/dl	6 - 21
[Calculated]			
Technique :-		Done On Fully Automated Biochemistry Analyser ERBA EM-200	

END OF REPORT

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

Patient Name	: **MRS. NAVJEET KAUR OTHI**	Collected	: Feb 12, 2022, 09:55 a.m.
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Bill ID	: 58702		165578

Test Description	Results	Units	Biological Reference Range
CREATININE			
Sample Type : Serum			
Creatinine	0.71	mg/dl	0.40 - 1.40
[Enzymatic]			
Formula			
Technique :-		Done On Fully Automated Biochemistry Analyser ERBA EM-200	

END OF REPORT

Dr. Sudhamani S. MD
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Test Description	Results	Units	Biological Reference Range

LIVER FUNCTION TEST

Sample Type : Serum

Test Description	Results	Units	Biological Reference Range
TOTAL BILIRUBIN [DIAZO]	**1.61**	mg/dl	0.3-1.3 mg/dl
BILIRUBIN-DIRECT [DIAZO]	**0.72**	mg/dl	0.1-0.4 mg/dl
BILLIRUBIN-INDIRECT [CALCULATED]	0.89	mg/dl	0.1-0.9 mg/dl
S.G.O.T. (AST) [IFCC without Pyridoxal Phosphate]	20.10	IU/L	5-40 IU/L
S.G.P.T.(ALT) [IFCC without Pyridoxal Phosphate]	23.30	IU/L	5-40 IU/L
ALKALINE PHOSPHATASE [Amino Methyl Propanol (AMP)]	76.00	IU/L	44-147 IU/L
TOTAL PROTEINS [BIURET]	6.72	IU/L	6.0 - 8.5 g/dL
ALBUMIN [BROMO CRESOL GREEN (BCG)]	3.98	g/dl	3.5-5.0 g/dl
GLOBULIN [CALCULATED]	2.74	gm%	2.3-3.5 gm%
ALBUMIN/GLOBULIN RATIO [CALCULATED]	1.45		
GAMMA GT	12.30	U/L	0 - 45

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			
Glycocylated Haemoglobin (HbA1c) [Tosoh HPLC]	5.0	%	<5.7%NON DIABETIC 5.7-6.4% PRE-DIABETIC >6.5% DIABETIC <7.0% GOAL FOR DIABETIC ON TREATMENT
MEAN BLOOD GLUCOSE	**96.80**	mg/dL	116.89 - 154.2

END OF REPORT

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Bill ID	: 58702			165578

Test Description	Results	Units	Biological Reference Range
	SR. URIC ACID		

Sample Type : Serum

Test Description	Results	Units	Biological Reference Range
Uric Acid **[Uricase - POD]**	3.20	mg/dl	2.5 - 6.8

Technique :-	Done On Fully Automated Biochemistry Analyser ERBA EM-200.

END OF REPORT

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Test Description	Results	Units	Biological Reference Range
COMPLETE BLOOD COUNT			
Sample Type : EDTA / Whole Blood			
Hemoglobin	12.9	g/dl	11.5 - 15.0
RBC COUNT	4.53	Millions/c	3.8 - 4.8
PCV(Hematocrit)	**36.6**	%	40.0 - 50.0
Mean Cell Volume(MCV)	80.79	fl	80.0 - 100.0
Mean Cell Hemoglobin(MCH)	28.48	pg	27.0 - 32.0
Mean Cell Hb Conc(MCHC)	35.25	g/dl	32 - 36
RDW	13.3	%	11.50 - 14.50
Total Leucocytes (WBC) Count	5690	/cumm	4000-11000
DIFFERENTIAL COUNT			
Neutrophils	54.5	%	40 - 70
Lymphocytes	31.3	%	20 - 50
Eosionphils	**9.0**	%	01 - 06
Monocytes	4.2	%	00 - 08
Basophils	1.00	%	00-01
SMEAR STUDY			
RBC Morphology	Normocytic Normocromic.		
WBC Morphology	**Eosinophilia.**		
Platelets On Smear	Adequate on Smear		
Platelet Count	192000	/cumm	150000 - 450000
MPV	**11.0**	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

LIPID PROFILE

Sample Type : Serum

Test Description	Results	Units	Biological Reference Range
TOTAL CHOLESTEROL [CHOD-PAP]	141.90	mg/dL	Desirable : <200 mg/dl Borderline : 200 - 239mg/dl High : >240 mg/dl
TRIGLYCERIDES [Glycerol Phosphate Oxidase]	50.20	mg/dL	Desirable : <150 mg/dl Borderline : 150 - 199mg/dl High : >200mg/dl
HDL CHOLESTEROL [Direct]	58.00	mg/dL	Desirable : >40 mg/dl Borderline Risk : 35 mg/dl High Risk : <30 mg/dl
LDL CHOLESTEROL [Calculated]	73.86	mg/dL	Desirable : <100 mg/dl Borderline : 130 - 160mg/dl High : >160mg/dl
VLDL Cholesterol [Calculated]	10.04	mg/dL	Desirable : <26 mg/dl Borderline : >30 mg/dl
Total Chol / HDL Chol Ratio [Calculated]	2.45	mg/dL	Desirable : <5 %
LDL / HDL Ratio [Calculated]	1.27		1.00 - 3.55
NON-HDL CHOLESTEROL [Calculated]	83.90	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
		ESR	
Sample Type : EDTA / Whole Blood			
ESR	10	Mm/hr	0 - 20
Method	Westergren		

END OF REPORT

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Test Description	Results	Units	Biological Reference Range

BLOOD GROUP

Sample Type : EDTA / Whole Blood

ABO Grouping	"B"
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

TOTAL THTROXINE (T4)

Sample Type : Serum

Total Thyroxine (T4) [CLIA]	98.83	ng/ml	52 - 127

END OF REPORT

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Test Description	Results	Units	Biological Reference Range

ULTRASENSITIVE THYROID STIMULATING HORMONE (TSH)

Sample Type : Serum

Ultrasensitive Thyroid Stimulatine Hormone (TSH)	2.21	µIU/mL	0.3- 4.5
[CLIA]			1st trimester - 0.1 - 2.5µIU/mL
			2nd trimester - 0.2 - 3µIU/mL
			3rd trimester - 0.3 - 3µIU/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

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Test Description	Results	Units	Biological Reference Range
FASTING BLOOD SUGAR			
Sample Type : Flouride R			
Fasting Blood Sugar	94.70	mg/dl	Normal : 70 - 99 mg/dl
[GOD - POD]			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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Test Description	Results	Units	Biological Reference Range

URINE ANALYSE REPORT

Sample Type : Urine

PHYSICAL EXAMINATION

COLOUR	Pale Yellow		
APPEARANCE	Clear		
REACTION (PH)	5.00		5.0-7.5
SPECIFIC GRAVITY	1.000		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
TOTAL TRIIDOTHRONINE (T3)			
Sample Type : Serum			
TotalTriiodothyronine (T3) [CLIA]	1.64	ng/dL	0.69 - 2.15

END OF REPORT

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Test Description	Results	Units	Biological Reference Range

POST PRANDIAL BLOOD SUGAR

Sample Type : Flouride PP

Post Prandial Blood Sugar [GOD - POD]	117.00	mg/dl	110-180

Technique :-   Done On Fully Automated Biochemistry Analyser ERBA EM-200

END OF REPORT

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