

Patient Name : **MRS. PRATIMA MARKEY**

Patient ID : PKG1000228

Age / Sex : 31 years / Female

Referred by : MEDIWHEEL

Bill ID : 60072

Collected : Mar 12, 2022, 02:57 p.m.

Reported : Mar 13, 2022, 09:34 a.m.

Sample ID :



Test Description	Results	Units	Biological Reference Range
Sample Type : EDTA / Whole Blood	<u>ESR</u>		
ESR	25	Mm/hr	0 - 20
Method	Westergren		

****END OF REPORT******Dr. Sudhamani S. MD**
Consultant Pathologist
Reg. No. : 90461

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169230

Test Description	Results	Units	Biological Reference Range
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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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TOTAL TRIIODOTHYRONINE (T3)

Sample Type : Serum

TotalTriiodothyronine (T3) [CLIA]	1.62	ng/dL	0.69 - 2.15
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****END OF REPORT****



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TOTAL THYROXINE (T4)

Sample Type : Serum

Total Thyroxine (T4) [CLIA]	72.67	ng/ml	52 - 127
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****END OF REPORT****



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Test Description	Results	Units	Biological Reference Range
GLYCOCYLATED HAEMOGLOBIN			
Sample Type : EDTA / Whole Blood			
Glycylated Haemoglobin (HbA1c) [Tosoh HPLC]	5.2	%	<5.7%NON DIABETIC 5.7-6.4% PRE-DIABETIC >6.5% DIABETIC <7.0% GOAL FOR DIABETIC ON TREATMENT
MEAN BLOOD GLUCOSE	102.54	mg/dL	116.89 - 154.2

****END OF REPORT******Dr. Sudhamani S. MD**
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COMPLETE BLOOD COUNT

Sample Type : EDTA / Whole Blood

Hemoglobin	10.6	g/dl	11.5 - 15.0
RBC COUNT	5.34	Millions/c	3.8 - 4.8
PCV(Hematocrit)	38.0	%	40.0 - 50.0
Mean Cell Volume(MCV)	71.16	fl	80.0 - 100.0
Mean Cell Hemoglobin(MCH)	19.85	pg	27.0 - 32.0
Mean Cell Hb Conc(MCHC)	27.89	g/dl	32 - 36
RDW	24.5	%	11.50 - 14.50
Total Leucocytes (WBC) Count	4270	/cumm	4000-11000

DIFFERENTIAL COUNT

Neutrophils	65.3	%	40 - 70
Lymphocytes	30.0	%	20 - 50
Eosionphils	1.6	%	01 - 06
Monocytes	2.6	%	00 - 08
Basophils	0.50	%	00-01

SMEAR STUDY

RBC Morphology	Hypochromia(+),Microcytosis(+),Anisopoikilocytosis(+).		
WBC Morphology	No E/o Toxic granules seen		
Platelets On Smear	Reduced On Smear		
Platelet Count	96000	/cumm	150000 - 450000
MPV	10.9	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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URINE ANALYSE REPORT

Sample Type : Urine

PHYSICAL EXAMINATION

COLOUR	Pale Yellow		
APPEARANCE	Slightly Hazy		
REACTION (PH)	5.0		5.0-7.5
SPECIFIC GRAVITY	1.015		1.010 - 1.030
ALBUMIN	Absent		
GLUCOSE	Absent		
BLOOD (U)	Present (++)		
BILE PIGMENTS	Negative		
BILE SALTS	Absent		
KETONE	Negative		
LEUKOCYTES	Absent		
NITRITE	Absent		
UROBILINOGEN	Negative		

MICROSCOPY

PUS CELLS/hpf	2-4		
RBCs/hpf	2-4		
EPI.CELLS/hpf	2-4		
CASTS	Absent		
CRYSTALS	Absent		
BACTERIA	Absent		
Other	Absent		

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Test Description	Results	Units	Biological Reference Range
<u>FASTING BLOOD SUGAR</u>			
Sample Type : Flouride R			
Fasting Blood Sugar [GOD - POD]	95.00	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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POST PRANDIAL BLOOD SUGAR

Sample Type : Flouride PP

Post Prandial Blood Sugar [GOD - POD]	112.00	mg/dl	110-180
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Technique :-

Done On Fully Automated Biochemistry Analyser ERBA EM-200

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ULTRASENSITIVE THYROID STIMULATING HORMONE (TSH)

Sample Type : Serum

Ultrasensitive Thyroid Stimulative Hormone (TSH) [CLIA]	2.44	μIU/mL	0.3- 4.5 1st trimester - 0.1 - 2.5μIU/mL 2nd trimester - 0.2 - 3μIU/mL 3rd trimester - 0.3 - 3μIU/mL
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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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LIPID PROFILE

Sample Type : Serum

TOTAL CHOLESTEROL [CHOD-PAP]	159.70	mg/dL	Desirable : <200 mg/dl Borderline : 200 - 239mg/dl High : >240 mg/dl
TRIGLYCERIDES [Glycerol Phosphate Oxidase]	52.10	mg/dL	Desirable : <150 mg/dl Borderline : 150 - 199mg/dl High : >200mg/dl
HDL CHOLESTEROL [Direct]	48.00	mg/dL	Desirable : >40 mg/dl Borderline Risk : 35 mg/dl High Risk : <30 mg/dl
LDL CHOLESTEROL [Calculated]	101.28	mg/dL	Desirable : <100 mg/dl Borderline : 130 - 160mg/dl High : >160mg/dl
VLDL Cholesterol [Calculated]	10.42	mg/dL	Desirable : <26 mg/dl Borderline : >30 mg/dl
Total Chol / HDL Chol Ratio [Calculated]	3.33	mg/dL	Desirable : <5 %
LDL / HDL Ratio [Calculated]	2.11		1.00 - 3.55
NON-HDL CHOLESTEROL [Calculated]	111.70	mg/dL	Desirable : <130 mg/dl Borderline : 160 - 189 mg/dl High : >220 mg/dl

Technique: Fully Automated Biochemistry Analyser ERBA EM-200.

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BLOOD UREA LEVEL (BUL)

Sample Type : Serum

Urea	8.0	mg/dl	10 - 40
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[Urease - GLDH]

Bun	3.74	mg/dl	6 - 21
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[Calculated]

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

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LIVER FUNCTION TEST

Sample Type : Serum

TOTAL BILIRUBIN [DIAZO]	1.25	mg/dl	0.3-1.3 mg/dl
BILIRUBIN-DIRECT [DIAZO]	0.14	mg/dl	0.1-0.4 mg/dl
BILLIRUBIN-INDIRECT [CALCULATED]	1.11	mg/dl	0.1-0.9 mg/dl
S.G.O.T. (AST) [IFCC without Pyridoxal Phosphate]	12.30	IU/L	5-40 IU/L
S.G.P.T.(ALT) [IFCC without Pyridoxal Phosphate]	9.20	IU/L	5-40 IU/L
ALKALINE PHOSPHATASE [Amino Methyl Propanol (AMP)]	123.00	IU/L	44-147 IU/L
TOTAL PROTEINS [BIURET]	7.5	IU/L	6.0 - 8.5 g/dL
ALBUMIN [BROMO CRESOL GREEN (BCG)]	4.0	g/dl	3.5-5.0 g/dl
GLOBULIN [CALCULATED]	3.50	gm%	2.3-3.5 gm%
ALBUMIN/GLOBULIN RATIO [CALCULATED]	1.14		
GAMMA GT	12.25	U/L	0 - 45

Technique : Fully Automated Biochemistry Analyser ERBA EM-200

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SR. URIC ACID

Sample Type : Serum

Uric Acid

3.3

mg/dl

2.5 - 6.8

[Uricase - POD]

Technique :-

Done On Fully Automated Biochemistry Analyser ERBA EM-200.

****END OF REPORT******Dr. Sudhamani S. MD**
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