

FINAL REPORT

Bill No.	: APHHC240000188	Bill Date	: 12-02-2024 08:21
Patient Name	: MRS. SHAILIN SINGH	UHID	: APH000020320
Age / Gender	: 30 Yrs 7 Mth / FEMALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24004656	Current Ward / Bed	: /
		Receiving Date & Time	: 12-02-2024 09:56
		Reporting Date & Time	: 12-02-2024 14:16

SEROLOGY REPORTING

Test (Methodology)	Flag	Result	UOM	Biological Reference Interval
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Sample Type: Serum

MEDIWHEEL FULL BODY HEALTH CHECKUP_FEMALE BELOW40@2550

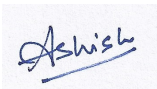
THYROID PROFILE (FT3+FT4+TSH)

FREE-TRI IODO THYRONINE (FT3) (ECLIA)		2.66	pg/mL	2.0-4.4
FREE -THYROXINE (FT4) (ECLIA)		0.96	ng/dL	0.9-1.7
THYROID STIMULATING HORMONE (TSH) (ECLIA)		2.85	mIU/L	0.27-4.20

**** End of Report ****

IMPORTANT INSTRUCTIONS

CL - Critical Low, CH - Critical High, H - High, L - Low



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Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24004652	Current Ward / Bed	: /
		Receiving Date & Time	: 12-02-2024 09:56
		Reporting Date & Time	: 12-02-2024 12:14

HAEMATOLOGY REPORTING

Test (Methodology)	Flag	Result	UOM	Biological Reference Interval
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Sample Type: EDTA Whole Blood

MEDIWHEEL FULL BODY HEALTH CHECKUP_FEMALE BELOW40@2550

CBC -1 (COMPLETE BLOOD COUNT)

TOTAL LEUCOCYTE COUNT <small>(Flow Cytometry)</small>		7.4	thousand/cumm	4 - 11
RED BLOOD CELL COUNT <small>(Hydro Dynamic Focussing)</small>		4.3	million/cumm	3.8 - 4.8
HAEMOGLOBIN <small>(SLS Hb Detection)</small>		12.1	g/dL	12 - 15
PACK CELL VOLUME <small>(Cumulative Pulse Height Detection)</small>		36.8	%	36 - 46
MEAN CORPUSCULAR VOLUME		86.5	fL	83 - 101
MEAN CORPUSCULAR HAEMOGLOBIN		28.3	pg	27 - 32
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION		32.8	g/dL	31.5 - 34.5
PLATELET COUNT <small>(Hydro Dynamic Focussing)</small>		158	thousand/cumm	150 - 400
RED CELL DISTRIBUTION WIDTH (S.D - RDW) <small>(Particle Size Distribution)</small>		45.7	fL	39 - 46
RED CELL DISTRIBUTION WIDTH (C.V.)	H	14.7	%	11.6 - 14

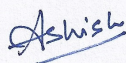
DIFFERENTIAL LEUCOCYTE COUNT

NEUTROPHILS		70	%	40 - 80
LYMPHOCYTES		23	%	20 - 40
MONOCYTES		5	%	2 - 10
EOSINOPHILS		2	%	1 - 5
BASOPHILS		0	%	0 - 1
ESR <small>(Westergren)</small>	H	70	mm 1st hr	0 - 20

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Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24004724	Current Ward / Bed	: /
		Receiving Date & Time	: 12-02-2024 13:39
		Reporting Date & Time	: 12-02-2024 15:00

BIOCHEMISTRY REPORTING

Test (Methodology)	Flag	Result	UOM	Biological Reference Interval
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Sample Type: EDTA Whole Blood, Plasma, Serum

MEDIWHEEL FULL BODY HEALTH CHECKUP_FEMALE BELOW40@2550

BLOOD UREA <small>Urease-GLDH,Kinetic</small>		23	mg/dL	15 - 45
BUN <small>(CALCULATED)</small>		10.7	mg/dL	7 - 21
CREATININE-SERUM <small>(Modified Jaffe s Kinetic)</small>		0.6	mg/dL	0.6 - 1.1
GLUCOSE-PLASMA (FASTING) <small>(UV Hexokinase)</small>		90.0	mg/dL	70 - 100

Note: A diagnosis of diabetes mellitus is made if fasting blood glucose exceeds 126 mg/dL.
(As per American Diabetes Association recommendation)

GLUCOSE-PLASMA (POST PRANDIAL) <small>(UV Hexokinase)</small>		97.0	mg/dL	70 - 140
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Note: A diagnosis of diabetes mellitus is made if 2 hour post load glucose exceeds 200 mg/dL.
(As per American Diabetes Association recommendation)

LIPID PROFILE

CHOLESTROL-TOTAL <small>(CHO-POD)</small>	H	173	mg/dL	0 - 160
HDL CHOLESTROL <small>Enzymatic Immuno-inhibition</small>		55	mg/dL	>45
CHOLESTROL-LDL DIRECT <small>Enzymatic Selective Protection</small>	H	107	mg/dL	0 - 100
S. TRIGLYCERIDES <small>(GPO - POD)</small>		115	mg/dL	0 - 160
NON-HDL CHOLESTROL		118.0	mg/dL	0 - 125
TOTAL CHOLESTROL / HDL CHOLESTROL		3.1		½Average Risk <3.3 Average Risk 3.3 - 4.4 2 Times Average Risk 4.5 - 7.1 3 Times Average Risk 7.2-11.0
LDL CHOLESTROL / HDL CHOLESTROL		1.9		½Average Risk <1.5 Average Risk 1.5-3.2 2 Times Average Risk 3.3-5.0 3 Times Average Risk 5.1-6.1
CHOLESTROL-VLDL		23	mg/dL	10 - 35

Comments:

- Disorders of Lipid metabolism play a major role in atherosclerosis and coronary heart disease.
- There is an established relationship between increased total cholesterol & LDL cholesterol and myocardial infarction.
- HDL cholesterol level is inversely related to the incidence of coronary artery disease.
- Major risk factors which adversely affect the lipid levels are:
 1. Cigarette smoking.
 2. Hypertension.
 3. Family history of premature coronary heart disease.
 4. Pre-existing coronary heart disease.

LIVER FUNCTION TESTS (LFT)

BILIRUBIN-TOTAL <small>(DPD)</small>		0.53	mg/dL	0.2 - 1.0
BILIRUBIN-DIRECT <small>(DPD)</small>		0.11	mg/dL	0 - 0.2
BILIRUBIN-INDIRECT		0.42	mg/dL	0.2 - 0.8
S. PROTEIN-TOTAL <small>(Buret)</small>		6.9	g/dL	6 - 8.1
ALBUMIN-SERUM <small>(Dye Binding-Bromocresol Green)</small>		4.1	g/dL	

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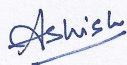
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S.GLOBULIN		2.8	g/dL	2.8-3.8
A/G RATIO	L	1.46		1.5 - 2.5
ALKALINE PHOSPHATASE <small>(IFCC AMP BUFFER)</small>		89.5	IU/L	42 - 98
ASPARTATE AMINO TRANSFERASE (SGOT) <small>(IFCC)</small>		19.1	IU/L	10 - 42
ALANINE AMINO TRANSFERASE(SGPT) <small>(IFCC)</small>		19.7	IU/L	10 - 40
GAMMA-GLUTAMYLTRANSPEPTIDASE <small>(IFCC)</small>		23.7	IU/L	7 - 35
LACTATE DEHYDROGENASE <small>(IFCC; L-P)</small>		159.4	IU/L	0 - 248
S.PROTEIN-TOTAL <small>(Biuret)</small>		6.9	g/dL	6 - 8.1
URIC ACID <small>Uricase - Trinder</small>		4.2	mg/dL	2.6 - 7.2

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Sample Type: EDTA Whole Blood, Plasma, Serum

MEDIWHEEL FULL BODY HEALTH CHECKUP_FEMALE BELOW40@2550

HBA1C (Turbidimetric Immuno-inhibition)	5.3	%	4.0 - 6.2
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INTERPRETATION:

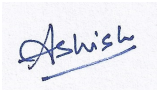
HbA1c %	Degree of Glucose Control
>8%	Action suggested due to high risk of developing long term complications like Retinopathy, Nephropathy, Cardiopathy and Neuropathy
7.1 - 8.0	Fair Control
<7.0	Good Control

- Note:
- 1.A three monthly monitoring is recommended in diabetics.
 2. Since HbA1c concentration represents the integrated values for blood glucose over the preceding 6 - 10 weeks and is not affected by daily glucose fluctuation, exercise and recent food intake, it is a more useful tool for monitoring diabetics.

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Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24004653	Current Ward / Bed	: /
		Receiving Date & Time	: 12-02-2024 09:56
		Reporting Date & Time	: 12-02-2024 15:02

BLOOD BANK REPORTING

Test (Methodology)	Flag	Result	UOM	Biological Reference Interval
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Sample Type: EDTA Whole Blood

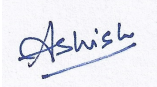
MEDIWHEEL FULL BODY HEALTH CHECKUP_FEMALE BELOW40@2550

BLOOD GROUP (ABO)	"A"
RH TYPE	POSITIVE

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Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24004696	Current Ward / Bed	: /
		Receiving Date & Time	: 12-02-2024 12:27
		Reporting Date & Time	: 12-02-2024 15:12

CLINICAL PATH REPORTING

Test (Methodology)	Flag	Result	UOM	Biological Reference Interval
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Sample Type: Urine

MEDIWHEEL FULL BODY HEALTH CHECKUP_FEMALE BELOW40@2550

URINE, ROUTINE EXAMINATION

PHYSICAL EXAMINATION

QUANTITY		30 mL		
COLOUR		Pale yellow		Pale Yellow
TURBIDITY		Clear		

CHEMICAL EXAMINATION

PH (Double pH indicator method)		7.0		5.0 - 8.5
PROTEINS (Protein-error-of-indicators)		Negative		Negative
SUGAR (GOD POD Method)		Negative		Negative
SPECIFIC GRAVITY, URINE (Apparent pKa change)		1.015		1.005 - 1.030

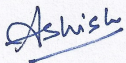
MICROSCOPIC EXAMINATION

LEUCOCYTES		0-1	/HPF	0 - 5
RBC's		Nil		
EPITHELIAL CELLS		1-2		
CASTS		Nil		
CRYSTALS		Nil		
URINE-SUGAR		Negative		

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