

FINAL REPORT

Bill No.	: APHHC230001074	Bill Date	: 23-09-2023 10:05
Patient Name	: MRS. PRIYANKA KUMARI	UHID	: APH000017246
Age / Gender	: 30 Yrs 6 Mth / FEMALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23025537	Current Ward / Bed	: /
		Receiving Date & Time	: 23-09-2023 10:33
		Reporting Date & Time	: 23-09-2023 13:37

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

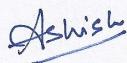
THYROID PROFILE (FT3+FT4+TSH)

FREE-TRI IODO THYRONINE (FT3) (ECLIA)		3.49	pg/mL	2.0-4.4
FREE -THYROXINE (FT4) (ECLIA)		1.62	ng/dL	0.9-1.7
THYROID STIMULATING HORMONE (TSH) (ECLIA)		1.61	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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MBBS,MD

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BIOCHEMISTRY REPORTING

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Sample Type: EDTA Whole Blood, Serum

MEDIWHEEL FULL BODY HEALTH CHECKUP_FEMALE BELOW40@2550

BLOOD UREA <small>Urease-GLDH,Kinetic</small>	L	13	mg/dL	15 - 45
BUN (CALCULATED)	L	6.1	mg/dL	7 - 21
CREATININE-SERUM <small>(Modified Jaffe s Kinetic)</small>	L	0.4	mg/dL	0.6 - 1.1
GLUCOSE-PLASMA (FASTING) <small>(UV Hexokinase)</small>		89.0	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)

LIPID PROFILE

CHOLESTROL-TOTAL <small>(CHO-POD)</small>	H	170	mg/dL	0 - 160
HDL CHOLESTROL <small>Enzymatic Immuno-inhibition</small>		60	mg/dL	>45
CHOLESTROL-LDL DIRECT <small>Enzymatic Selective Protection</small>	H	103	mg/dL	0 - 100
S. TRIGLYCERIDES <small>(GPO - POD)</small>		96	mg/dL	0 - 160
NON-HDL CHOLESTROL		110.0	mg/dL	0 - 125
TOTAL CHOLESTROL / HDL CHOLESTROL		2.8		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		1.7		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		19	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>		0.79	mg/dL	0.2 - 1.0
BILIRUBIN-DIRECT <small>(DPD)</small>		0.13	mg/dL	0 - 0.2
BILIRUBIN-INDIRECT		0.66	mg/dL	0.2 - 0.8
S.PROTEIN-TOTAL <small>(Biuret)</small>		6.8	g/dL	6 - 8.1
ALBUMIN-SERUM <small>(Dye Binding-Bromocresol Green)</small>		3.7	g/dL	
S.GLOBULIN		3.1	g/dL	2.8-3.8
A/G RATIO	L	1.19		1.5 - 2.5

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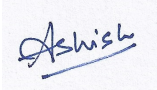
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ALKALINE PHOSPHATASE <small>IFCC AMP BUFFER</small>	L	39.7	IU/L	42 - 98
ASPARTATE AMINO TRANSFERASE (SGOT) <small>(IFCC)</small>		20.7	IU/L	10 - 42
ALANINE AMINO TRANSFERASE(SGPT) <small>(IFCC)</small>		20.5	IU/L	10 - 40
GAMMA-GLUTAMYLTRANSPEPTIDASE <small>(IFCC)</small>		10.4	IU/L	7 - 35
LACTATE DEHYDROGENASE <small>(IFCC; L-P)</small>		132.2	IU/L	0 - 248
S.PROTEIN-TOTAL <small>(Biuret)</small>		6.8	g/dL	6 - 8.1
URIC ACID <small>Uricase - Trinder</small>	L	2.3	mg/dL	2.6 - 7.2

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Sample Type: EDTA Whole Blood, Serum

MEDIWHEEL FULL BODY HEALTH CHECKUP_FEMALE BELOW40@2550

HBA1C (Turbidimetric Immuno-inhibition)	5.6	%	4.0 - 6.2
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INTERPRETATION:

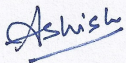
HbA1c %	Degree of Glucose Control
>8%	Action suggested due to high risk of developing long term complications like Retinopathy, Nephropathy, Cardiopathy and Neuropathy
7.1 - 8.0	Fair Control
<7.0	Good Control

- 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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HAEMATOLOGY REPORTING

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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>		9.1	thousand/cumm	4 - 11
RED BLOOD CELL COUNT <small>(Hydro Dynamic Focussing)</small>	L	3.5	million/cumm	3.8 - 4.8
HAEMOGLOBIN <small>(SLS Hb Detection)</small>	L	11.0	g/dL	12 - 15
PACK CELL VOLUME <small>(Cumulative Pulse Height Detection)</small>	L	31.3	%	36 - 46
MEAN CORPUSCULAR VOLUME		90.4	fL	83 - 101
MEAN CORPUSCULAR HAEMOGLOBIN		31.8	pg	27 - 32
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION	H	35.1	g/dL	31.5 - 34.5
PLATELET COUNT <small>(Hydro Dynamic Focussing)</small>		205	thousand/cumm	150 - 400
RED CELL DISTRIBUTION WIDTH (S.D - RDW) <small>(Particle Size Distribution)</small>		44.5	fL	39 - 46
RED CELL DISTRIBUTION WIDTH (C.V.)		13.7	%	11.6 - 14

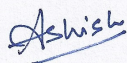
DIFFERENTIAL LEUCOCYTE COUNT

NEUTROPHILS		70	%	40 - 80
LYMPHOCYTES		24	%	20 - 40
MONOCYTES		5	%	2 - 10
EOSINOPHILS		1	%	1 - 5
BASOPHILS		0	%	0 - 1
ESR <small>(Westergren)</small>	H	100	mm 1st hr	0 - 20

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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		20 mL		
COLOUR		Straw		Pale Yellow
TURBIDITY		Clear		

CHEMICAL EXAMINATION

PH <small>(Double pH indicator method)</small>		6.5		5.0 - 8.5
PROTEINS <small>(Protein-error-of-indicators)</small>		Negative		Negative
SUGAR <small>(GOD POD Method)</small>		Negative		Negative
SPECIFIC GRAVITY, URINE <small>(Apparent pKa change)</small>		1.010		1.005 - 1.030

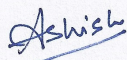
MICROSCOPIC EXAMINATION

LEUCOCYTES		4-6	/HPF	0 - 5
RBC's		0-1		
EPITHELIAL CELLS		1-2		
CASTS		Nil		
CRYSTALS		Nil		
URINE-SUGAR		NEGATIVE		

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Sample ID	: APH23025534	Current Ward / Bed	: /
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		Reporting Date & Time	: 23-09-2023 16:55

BLOOD BANK REPORTING

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

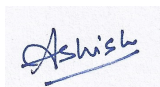
MEDIWHEEL FULL BODY HEALTH CHECKUP_FEMALE BELOW40@2550

BLOOD GROUP (ABO)	"A"
RH TYPE	POSITIVE

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