

FINAL REPORT

Bill No.	: APHHC230000713	Bill Date	: 17-06-2023 10:05
Patient Name	: MRS. POONAM KUMARI	UHID	: APH000015476
Age / Gender	: 30 Yrs / FEMALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23015824	Current Ward / Bed	: /
		Receiving Date & Time	: 17-06-2023 14:59
		Reporting Date & Time	: 17-06-2023 15:44

Sample Type: EDTA Whole Blood, Plasma, Serum

MEDIWHEEL FULL BODY HEALTH CHECKUP_FEMALE BELOW40@2550

HbA1c (Turbidimetric Immuno-inhibition)

INTERPRETATION:	4.9	%	4.0 - 6.2
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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.

**** End of Report ****

IMPORTANT INSTRUCTIONS

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

Ashish

DR. ASHISH RANJAN SINGH
MBBS, MD
CONSULTANT

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Age / Gender	: 30 Yrs / FEMALE	Patient Type	: OPD <input type="checkbox"/> If PHC <input type="checkbox"/>
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23015784	Current Ward / Bed	: /
		Receiving Date & Time	: 17-06-2023 10:51
		Reporting Date & Time	: 17-06-2023 13:45

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)

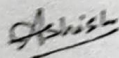
TOTAL LEUCOCYTE COUNT (Flow Cytometry)		8.0	thousand/cumm	4 - 11
RED BLOOD CELL COUNT (Hydro Dynamic Focusing)		4.2	million/cumm	3.8 - 4.8
HAEMOGLOBIN (SLS-IB Detection)		12.9	g/dL	12 - 15
PACK CELL VOLUME (Cumulative Pulse Height Detection)		38.8	%	36 - 46
MEAN CORPUSCULAR VOLUME		92.3	fL	83 - 101
MEAN CORPUSCULAR HAEMOGLOBIN		30.8	pg	27 - 32
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION		33.4	g/dL	31.5 - 34.5
PLATELET COUNT (Hydro Dynamic Focusing)		327	thousand/cumm	150 - 400
RED CELL DISTRIBUTION WIDTH (S.D - RDW) (Pebble Size Distribution)	H	54.9	fL	39 - 46
RED CELL DISTRIBUTION WIDTH (C.V.)	H	16.8	%	11.6 - 14

DIFFERENTIAL LEUCOCYTE COUNT

NEUTROPHILS		50	%	40 - 80
LYMPHOCYTES		34	%	20 - 40
MONOCYTES		4	%	2 - 10
EOSINOPHILS		2	%	1 - 5
BASOPHILS		0	%	0 - 1
ESR (Westergren)	H	70	mm 1st hr	0 - 20

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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>		22	mg/dL	15 - 45
BUN (CALCULATED)		10.3	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>		92.0	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>		108.0	mg/dL	70 - 140
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>		149	mg/dL	0 - 160
HDL CHOLESTROL <small>Enzymatic Immuno-inhibition</small>	L	36	mg/dL	>45
CHOLESTROL-LDL DIRECT <small>Enzymatic Selective Protection</small>		98	mg/dL	0 - 100
S.TRIGLYCERIDES <small>(GPO - POD)</small>		95	mg/dL	0 - 160
NON-HDL CHOLESTROL		113.0	mg/dL	0 - 125
TOTAL CHOLESTROL / HDL CHOLESTROL		4.1		1/2 Average 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		2.7		1/2 Average 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:
 - Cigarette smoking.
 - Hypertension.
 - Family history of premature coronary heart disease.
 - Pre-existing coronary heart disease.

LIVER FUNCTION TESTS (LFT)

BILIRUBIN-TOTAL <small>(SPO)</small>	H	1.22	mg/dL	0.2 - 1.0
BILIRUBIN-DIRECT <small>(SPO)</small>	H	0.26	mg/dL	0 - 0.2
BILIRUBIN-INDIRECT	H	0.96	mg/dL	0.2 - 0.8
S.PROTEIN-TOTAL <small>(Buret)</small>		6.9	g/dL	6 - 8.1

FINAL REPORT

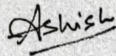
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ALBUMIN-SERUM (Dye Binding-Bromocresol Green)		3.9	g/dL	
S.GLOBULIN		3.0	g/dL	2.8-3.8
A/G RATIO	L	1.30		1.5 - 2.5
ALKALINE PHOSPHATASE IFCC AMP BUFFER		89.0	IU/L	42 - 98
ASPARTATE AMINO TRANSFERASE (SGOT) (IFCC)		18.6	IU/L	10 - 42
ALANINE AMINO TRANSFERASE(SGPT) (IFCC)		15.4	IU/L	10 - 40
GAMMA-GLUTAMYLTRANSPEPTIDASE (IFCC)		17.7	IU/L	7 - 35
LACTATE DEHYDROGENASE (IFCC; L-P)		153.1	IU/L	0 - 248
S.PROTEIN-TOTAL (Biuret)		6.9	g/dL	6 - 8.1
URIC ACID Uricase - Trinder		2.6	mg/dL	2.6 - 7.2

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Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23015806	Current Ward / Bed	: /
		Receiving Date & Time	: 17-06-2023 12:37
		Reporting Date & Time	: 17-06-2023 14:13

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		30MI		
COLOUR		Pale Yellow		Pale Yellow
TURBIDITY		Clear		

CHEMICAL EXAMINATION

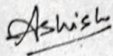
PH (Double pH indicator method)		6.0		5.0 - 8.5
PROTEINS (Protein-error-of-indicators)		Negative		Negative
SUGAR (GOD POD Method)		Negative		Negative
SPECIFIC GRAVITY, URINE (Apparent pKa change)		1.010		1.005 - 1.030

MICROSCOPIC EXAMINATION

LEUCOCYTES		2-3	/HPF	0 - 5
RBC's		Nil		
EPITHELIAL CELLS		3-4		
CASTS		Nil		
CRYSTALS		Nil		
URINE-SUGAR		NEGATIVE		

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BLOOD BANK REPORTING

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

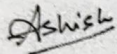
MEDIWHEEL FULL BODY HEALTH CHECKUP_FEMALE BELOW40@2550

BLOOD GROUP (ABO)	"O"
RH TYPE	POSITIVE

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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

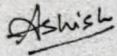
THYROID PROFILE (FT3+FT4+TSH)

FREE-TRI IODO THYRONINE (FT3) (ECLIA)		3.07	pg/mL	2.0-4.4
FREE -THYROXINE (FT4) (ECLIA)		1.13	ng/dL	0.9-1.7
THYROID STIMULATING HORMONE (TSH) (ECLIA)		2.16	mIU/L	0.27-4.20

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