

**FINAL REPORT**

Bill No.	: APHHC230000640	Bill Date	: 27-05-2023 08:58
Patient Name	: MRS. NASRIN BANO	UHID	: APH000015121
Age / Gender	: 46 Yrs 8 Mth / FEMALE	Patient Type	: OPD <span style="float:right">If PHC : </span>
Ref. Consultant	: mediwheel	Ward / Bed	: /
Sample ID	: APH23013380	Current Ward / Bed	: /
		Receiving Date & Time	: 27-05-2023 09:50
		Reporting Date & Time	: 27-05-2023 15:49

**SEROLOGY REPORTING**

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

MEDIWHEEL FULL BODY HEALTH CHECKUP\_FEMALE( AVOVE-40)@2800

**THYROID PROFILE (FT3+FT4+TSH)**

FREE-TRI IODO THYRONINE (FT3) (ECLIA)		3.12	pg/mL	2.0-4.4
FREE -THYROXINE (FT4) (ECLIA)		1.26	ng/dL	0.9-1.7
THYROID STIMULATING HORMONE (TSH) (ECLIA)	<b>H</b>	<b>5.19</b>	mIU/L	0.27-4.20

**\*\* 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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Ref. Consultant :	mediwheel	Ward / Bed :	/
Sample ID :	APH23013376	Current Ward / Bed :	/
		Receiving Date & Time :	27-05-2023 09:50
		Reporting Date & Time :	27-05-2023 13:19

**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( AVOVE-40)@2800**
**CBC -1 (COMPLETE BLOOD COUNT)**

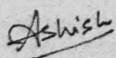
TOTAL LEUCOCYTE COUNT (Flow Cytometry)		5.9	thousand/cumm	4 - 11
RED BLOOD CELL COUNT (Hydro Dynamic Focussing)	L	3.7	million/cumm	3.8 - 4.8
HAEMOGLOBIN (SLS Hb Detection)	L	9.9	g/dL	12 - 15
PACK CELL VOLUME (Cumulative Pulse Height Detection)	L	31.1	%	36 - 46
MEAN CORPUSCULAR VOLUME		83.3	fL	83 - 101
MEAN CORPUSCULAR HAEMOGLOBIN	L	26.5	pg	27 - 32
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION		31.8	g/dL	31.5 - 34.5
PLATELET COUNT (Hydro Dynamic Focussing)		166	thousand/cumm	150 - 400
RED CELL DISTRIBUTION WIDTH (S.D - RDW) (Particle Size Distribution)		45.8	fL	39 - 46
RED CELL DISTRIBUTION WIDTH (C.V.)	H	15.3	%	11.6 - 14

**DIFFERENTIAL LEUCOCYTE COUNT**

NEUTROPHILS		70	%	40 - 80
LYMPHOCYTES		21	%	20 - 40
MONOCYTES		5	%	2 - 10
EOSINOPHILS		4	%	1 - 5
BASOPHILS		0	%	0 - 1
ESR (Westergren)	H	65	mm 1st hr	0 - 20

**\*\* End of Report \*\***
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Age / Gender :	46 Yrs 8 Mth / FEMALE	Patient Type :	OPD If PHC :
Ref. Consultant :	mediwheel	Ward / Bed :	/
Sample ID :	APH23013461	Current Ward / Bed :	/
		Receiving Date & Time :	27-05-2023 15:08
		Reporting Date & Time :	27-05-2023 15:47

**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( AVOVE-40)@2800**

BLOOD UREA <small>Urease-GLDH,Kinetic</small>		23	mg/dL	15 - 45
BUN (CALCULATED)		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>		85.0	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>		135.0	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>	<b>H</b>	<b>163</b>	mg/dL	0 - 160
HDL CHOLESTROL <small>Enzymatic Inhibition</small>	<b>L</b>	<b>44</b>	mg/dL	>45
CHOLESTROL-LDL DIRECT <small>Enzymatic Selective Protection</small>		95	mg/dL	0 - 100
S.TRIGLYCERIDES <small>(GPO - POD)</small>		79	mg/dL	0 - 160
NON-HDL CHOLESTROL		119.0	mg/dL	0 - 125
TOTAL CHOLESTROL / HDL CHOLESTROL		3.7		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		2.2		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		16	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>(DPD)</small>	<b>H</b>	<b>1.02</b>	mg/dL	0.2 - 1.0
BILIRUBIN-DIRECT <small>(DPD)</small>		0.20	mg/dL	0 - 0.2
BILIRUBIN-INDIRECT	<b>H</b>	<b>0.82</b>	mg/dL	0.2 - 0.8
S.PROTEIN-TOTAL <small>(Buret)</small>		6.6	g/dL	6 - 8.1

**FINAL REPORT**

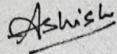
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ALBUMIN-SERUM (Dye Binding-Bromocresol Green)		3.7	g/dL	
S.GLOBULIN		2.9	g/dL	2.8-3.8
A/G RATIO	L	1.28		1.5 - 2.5
ALKALINE PHOSPHATASE IFCC AMP BUFFER	H	109.9	IU/L	42 - 98
ASPARTATE AMINO TRANSFERASE (SGOT) (IFCC)		24.2	IU/L	10 - 42
ALANINE AMINO TRANSFERASE(SGPT) (IFCC)		21.6	IU/L	10 - 40
GAMMA-GLUTAMYLTRANSPEPTIDASE (IFCC)	H	39.9	IU/L	7 - 35
LACTATE DEHYDROGENASE (IFCC; L-P)	H	248.6	IU/L	0 - 248
S.PROTEIN-TOTAL (Biuret)		6.6	g/dL	6 - 8.1
URIC ACID Uricase - Trinder		4.3	mg/dL	2.6 - 7.2

**\*\* End of Report \*\***

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Sample Type: EDTA Whole Blood, Plasma, Serum

**MEDIWHEEL FULL BODY HEALTH CHECKUP\_FEMALE( AVOVE-40)@2800**

HBA1C (Turbidimetric Immuno-inhibition)

5.2

%

4.0 - 6.2

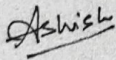
**INTERPRETATION:**

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.

**\*\* End of Report \*\***
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		Reporting Date & Time	: 27-05-2023 14:51

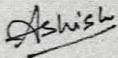
**BLOOD BANK REPORTING**

Test (Methodology)	Flag	Result	UOM	Biological Reference Interval
<i>Sample Type: EDTA Whole Blood</i>				
<b>MEDIWHEEL FULL BODY HEALTH CHECKUP_FEMALE( AVOVE-40)@2800</b>				
BLOOD GROUP (ABO)		"O"		
RH TYPE		POSITIVE		

**\*\* End of Report \*\***

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