



DEPARTMENT OF LABORATORY SERVICES
FINAL REPORT

Bill No.	: APHHC240001884	Bill Date	: 26-10-2024 10:31
Patient Name	: MRS. INDU DEVI	UHID	: APH000030380
Age / Gender	: 32 Yrs 4 Mth / FEMALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24050489	Current Ward / Bed	: /
		Receiving Date & Time	: 26-10-2024 10:42
		Reporting Date & Time	: 26-10-2024 13:42

BIOCHEMISTRY REPORTING

Test (Methodology)	Flag	Result	UOM	Biological Reference Interval
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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	14	mg/dL	15 - 45
BUN <small>(Calculated)</small>	L	6.5	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>		91.0	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	183	mg/dL	0 - 160
HDL CHOLESTROL <small>Enzymatic Immuno-inhibition</small>	L	38	mg/dL	>45
CHOLESTROL-LDL DIRECT <small>Enzymatic Selective Protection</small>	H	121	mg/dL	0 - 100
S.TRIGLYCERIDES <small>(GPO - POD)</small>		101	mg/dL	0 - 160
NON-HDL CHOLESTROL <small>(Calculated)</small>	H	145.0	mg/dL	0 - 125
TOTAL CHOLESTROL / HDL CHOLESTROL <small>(Calculated)</small>		4.8		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 <small>(Calculated)</small>		3.2		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 <small>(Calculated)</small>		20	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>	H	1.12	mg/dL	0.2 - 1.0
BILIRUBIN-DIRECT <small>(DPD)</small>		0.19	mg/dL	0 - 0.2
BILIRUBIN-INDIRECT <small>(Calculated)</small>	H	0.93	mg/dL	0.2 - 0.8
S.PROTEIN-TOTAL <small>(Biuret)</small>	H	8.4	g/dL	6 - 8.1
ALBUMIN-SERUM <small>(Dye Binding-Bromocresol Green)</small>		4.6	g/dL	3.5 - 5.2
S.GLOBULIN <small>(Calculated)</small>		3.8	g/dL	2.8-3.8



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A/G RATIO (Calculated)	L	1.21		1.5 - 2.5
ALKALINE PHOSPHATASE (IFCC AMP BUFFER)		93.3	IU/L	42 - 98
ASPARTATE AMINO TRANSFERASE (SGOT) (IFCC)		28.6	IU/L	10 - 42
ALANINE AMINO TRANSFERASE(SGPT) (IFCC)		20.1	IU/L	10 - 40
GAMMA-GLUTAMYLTRANSPEPTIDASE (IFCC)		14.7	IU/L	7 - 35
LACTATE DEHYDROGENASE (IFCC; L-P)		219.2	IU/L	0 - 248
S.PROTEIN-TOTAL (Biuret)	H	8.4	g/dL	6 - 8.1
URIC ACID (Uricase - Trinder)		3.8	mg/dL	2.6 - 7.2

** End of Report **

IMPORTANT INSTRUCTIONS

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Laboratory test results are to be clinically correlated.

Storage and discard of Specimen shall be as per AIMS specimen retention policy.

Test results are not valid for Medico - Legal purposes.

DR. ASHISH RANJAN SINGH
MBBS,MD
CONSULTANT



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MEDIWHEEL FULL BODY HEALTH CHECKUP_FEMALE BELOW40@2550

HbA1c (Turbidimetric Immuno-inhibition)	5.9	%	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	: APH24050490	Current Ward / Bed	: /
		Receiving Date & Time	: 26-10-2024 10:42
		Reporting Date & Time	: 26-10-2024 19:14

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)		2.80	pg/mL	2.0-4.4
FREE -THYROXINE (FT4) (ECLIA)		1.08	ng/dL	0.9-1.7
THYROID STIMULATING HORMONE (TSH) (ECLIA)		2.12	mIU/L	0.27-4.20

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Age / Gender	: 32 Yrs 4 Mth / FEMALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24050486	Current Ward / Bed	: /
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		Reporting Date & Time	: 26-10-2024 15:04

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)		8.6	thousand/cumm	4 - 11
RED BLOOD CELL COUNT (Hydro Dynamic Focussing)		4.5	million/cumm	3.8 - 4.8
HAEMOGLOBIN (SLS Hb Detection)	L	11.1	g/dL	12 - 15
PACK CELL VOLUME (Cumulative Pulse Height Detection)		37.5	%	36 - 46
MEAN CORPUSCULAR VOLUME (Calculated)		83.2	fL	83 - 101
MEAN CORPUSCULAR HAEMOGLOBIN (Calculated)	L	24.6	pg	27 - 32
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION (Calculated)	L	29.5	g/dL	31.5 - 34.5
PLATELET COUNT (Hydro Dynamic Focussing)		201	thousand/cumm	150 - 400
RED CELL DISTRIBUTION WIDTH (S.D - RDW) (Particle Size Distribution)	H	47.7	fL	39 - 46
RED CELL DISTRIBUTION WIDTH (C.V.)	H	16.0	%	11.6 - 14

DIFFERENTIAL LEUCOCYTE COUNT

NEUTROPHILS (Flow-cytometry & Microscopy)		69	%	40 - 80
LYMPHOCYTES (Flow-cytometry & Microscopy)		23	%	20 - 40
MONOCYTES (Flow-cytometry & Microscopy)		4	%	2 - 10
EOSINOPHILS (Flow-cytometry & Microscopy)		4	%	1 - 5
BASOPHILS (Flow-cytometry & Microscopy)		0	%	0 - 1

ESR (Westergren)	H	40	mm/1st hr	0 - 20
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Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24050513	Current Ward / Bed	: /
		Receiving Date & Time	: 26-10-2024 11:34
		Reporting Date & Time	: 26-10-2024 17:48

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		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)		1.025		1.005 - 1.030

MICROSCOPIC EXAMINATION

LEUCOCYTES		2-3	/HPF	0 - 5
RBC's		Nil		
EPITHELIAL CELLS		7-8		
CASTS		Nil		
CRYSTALS		Nil		
URINE-SUGAR		NEGATIVE		

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		Reporting Date & Time	: 26-10-2024 19:11

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

**** End of Report ****

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DEPARTMENT OF RADIO-DIAGNOSIS & IMAGING

Report : XRAY

Patient Name	:	MRS. INDU DEVI	IPD No.	:	
Age	:	32 Yrs 4 Mth	UHID	:	APH000030380
Gender	:	FEMALE	Bill No.	:	APHHC240001884
Ref. Doctor	:	MEDIWHEEL	Bill Date	:	26-10-2024 10:31:42
Ward	:		Room No.	:	
			Print Date	:	26-10-2024 13:30:37

CHEST PA VIEW:

Cardiac shadow appears normal.

Both lung fields appear clear.

Both domes of diaphragm and both CP angles are clear.

Both hila appear normal.

Soft tissues and bony cage appear normal.

Please correlate clinically.

.....End of Report.....

Prepare By.
MD.SERAJ

DR. MUHAMMAD SERAJ, MD
Radiodiagnosis, FRCR (London)
BCMR/46075
CONSULTANT

Note : The information in this report is based on interpretation of images. This report is not the diagnosis and should be correlated with clinical details and other investigation.