

FINAL REPORT

Bill No.	: APHHC240000393	Bill Date	: 09-03-2024 08:43
Patient Name	: MR. VISHAL VIR ARYA	UHID	: APH000021277
Age / Gender	: 36 Yrs 4 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24008582	Current Ward / Bed	: /
		Receiving Date & Time	: 09-03-2024 13:23
		Reporting Date & Time	: 09-03-2024 15:39

BIOCHEMISTRY REPORTING

Test (Methodology)	Flag	Result	UOM	Biological Reference Interval
--------------------	------	--------	-----	-------------------------------

Sample Type: EDTA Whole Blood, Plasma, Serum

MEDIWHEEL FULL BODY HEALTH CHECKUP_MALE(BELOW-40)@2400

BLOOD UREA <small>Urease-GLDH,Kinetic</small>		25	mg/dL	15 - 45
BUN (CALCULATED)		11.7	mg/dL	7 - 21

CREATININE-SERUM <small>(Modified Jaffe s Kinetic)</small>	L	0.7	mg/dL	0.9 - 1.3
--	----------	------------	-------	-----------

GLUCOSE-PLASMA (FASTING) <small>(UV Hexokinase)</small>		74.0	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>		81.0	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>		125	mg/dL	0 - 160
HDL CHOLESTROL <small>Enzymatic Immuno-inhibition</small>	L	28	mg/dL	>40
CHOLESTROL-LDL DIRECT <small>Enzymatic Selective Protection</small>		87	mg/dL	0 - 100
S.TRIGLYCERIDES <small>(GPO - POD)</small>		52	mg/dL	0 - 160
NON-HDL CHOLESTROL		97.0	mg/dL	0 - 125
TOTAL CHOLESTROL / HDL CHOLESTROL		4.5		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		3.1		½Average Risk <1.0 Average Risk 1.0-3.6 2 Times Average Risk 3.7-6.3 3 Times Average Risk 6.4-8.0
CHOLESTROL-VLDL		10	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>	H	1.27	mg/dL	0.2 - 1.0
BILIRUBIN-DIRECT <small>(DPD)</small>	H	0.30	mg/dL	0 - 0.2
BILIRUBIN-INDIRECT	H	0.97	mg/dL	0.2 - 0.8
S.PROTEIN-TOTAL <small>(Biuret)</small>		7.2	g/dL	6 - 8.1

FINAL REPORT

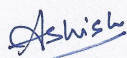
Bill No.	: APHHC240000393	Bill Date	: 09-03-2024 08:43
Patient Name	: MR. VISHAL VIR ARYA	UHID	: APH000021277
Age / Gender	: 36 Yrs 4 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24008582	Current Ward / Bed	: /
		Receiving Date & Time	: 09-03-2024 13:23
		Reporting Date & Time	: 09-03-2024 15:39

ALBUMIN-SERUM <small>(Dye Binding-Bromocresol Green)</small>		4.0	g/dL	
S.GLOBULIN		3.2	g/dL	2.8-3.8
A/G RATIO	L	1.25		1.5 - 2.5
ALKALINE PHOSPHATASE <small>IFCC AMP BUFFER</small>		66.4	IU/L	53 - 128
ASPARTATE AMINO TRANSFERASE (SGOT) <small>(IFCC)</small>	H	79.3	IU/L	10 - 42
ALANINE AMINO TRANSFERASE(SGPT) <small>(IFCC)</small>	H	149.7	IU/L	10 - 40
GAMMA-GLUTAMYLTRANSPEPTIDASE <small>(IFCC)</small>		15.7	IU/L	11 - 50
LACTATE DEHYDROGENASE <small>(IFCC; L-P)</small>		200.0	IU/L	0 - 248
S.PROTEIN-TOTAL <small>(Biuret)</small>		7.2	g/dL	6 - 8.1
URIC ACID <small>Uricase - Trinder</small>		4.3	mg/dL	2.6 - 7.2

**** End of Report ****

IMPORTANT INSTRUCTIONS

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



DR. ASHISH RANJAN SINGH

MBBS,MD

CONSULTANT

FINAL REPORT

Bill No.	: APHHC240000393	Bill Date	: 09-03-2024 08:43
Patient Name	: MR. VISHAL VIR ARYA	UHID	: APH000021277
Age / Gender	: 36 Yrs 4 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24008582	Current Ward / Bed	: /
		Receiving Date & Time	: 09-03-2024 13:23
		Reporting Date & Time	: 09-03-2024 15:39

Sample Type: EDTA Whole Blood, Plasma, Serum

MEDIWHEEL FULL BODY HEALTH CHECKUP_MALE(BELOW-40)@2400

HBA1C (Turbidimetric Immuno-inhibition)	5.2	%	4.0 - 6.2
---	-----	---	-----------

INTERPRETATION:

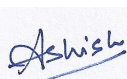
HbA1c %	Degree of Glucose Control
>8%	Action suggested due to high risk of developing long term complications like Retinopathy, Nephropathy, Cardiopathy and Neuropathy
7.1 - 8.0	Fair Control
<7.0	Good Control

- 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 ****

IMPORTANT INSTRUCTIONS

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



DR. ASHISH RANJAN SINGH
MBBS,MD
CONSULTANT

FINAL REPORT

Bill No.	: APHHC240000393	Bill Date	: 09-03-2024 08:43
Patient Name	: MR. VISHAL VIR ARYA	UHID	: APH000021277
Age / Gender	: 36 Yrs 4 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24008475	Current Ward / Bed	: /
		Receiving Date & Time	: 09-03-2024 09:43
		Reporting Date & Time	: 09-03-2024 16:55

HAEMATOLOGY REPORTING

Test (Methodology)	Flag	Result	UOM	Biological Reference Interval
--------------------	------	--------	-----	-------------------------------

Sample Type: EDTA Whole Blood

MEDIWHEEL FULL BODY HEALTH CHECKUP_MALE(BELOW-40)@2400

CBC -1 (COMPLETE BLOOD COUNT)

TOTAL LEUCOCYTE COUNT (Flow Cytometry)		6.9	thousand/cumm	4 - 11
RED BLOOD CELL COUNT (Hydro Dynamic Focussing)	H	6.2	million/cumm	4.5 - 5.5
HAEMOGLOBIN (SLS Hb Detection)		14.8	g/dL	13 - 17
PACK CELL VOLUME (Cumulative Pulse Height Detection)		45.8	%	40 - 50
MEAN CORPUSCULAR VOLUME	L	74.6	fL	83 - 101
MEAN CORPUSCULAR HAEMOGLOBIN	L	24.0	pg	27 - 32
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION		32.2	g/dL	31.5 - 34.5
PLATELET COUNT (Hydro Dynamic Focussing)		160	thousand/cumm	150 - 400
RED CELL DISTRIBUTION WIDTH (S.D - RDW) (Particle Size Distribution)		40.6	fL	39 - 46
RED CELL DISTRIBUTION WIDTH (C.V.)	H	15.2	%	11.6 - 14

DIFFERENTIAL LEUCOCYTE COUNT

NEUTROPHILS		65	%	40 - 80
LYMPHOCYTES		24	%	20 - 40
MONOCYTES		5	%	2 - 10
EOSINOPHILS	H	6	%	1 - 5
BASOPHILS		0	%	0 - 1
ESR (Westergren)	H	23	mm 1st hr	0 - 10

** End of Report **

IMPORTANT INSTRUCTIONS

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

DR. ASHISH RANJAN SINGH
MBBS,MD
CONSULTANT