



DEPARTMENT OF LABORATORY SERVICES  
FINAL REPORT

Bill No.	: APHHC240001878	Bill Date	: 26-10-2024 09:32
Patient Name	: MR. KUNAL SINGH	UHID	: APH000030371
Age / Gender	: 31 Yrs 6 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24050453	Current Ward / Bed	: /
		Receiving Date & Time	: 26-10-2024 09:53
		Reporting Date & Time	: 26-10-2024 19:06

**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\_MALE(BELOW-40)@2400**

BLOOD GROUP (ABO)	" B "
RH TYPE	NEGATIVE

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

**IMPORTANT INSTRUCTIONS**

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

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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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Age / Gender	: 31 Yrs 6 Mth / MALE	Patient Type	: OPD	If PHC	:
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /		
Sample ID	: APH24050544	Current Ward / Bed	: /		
		Receiving Date & Time	: 26-10-2024 13:13		
		Reporting Date & Time	: 26-10-2024 15:03		

**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\_MALE(BELOW-40)@2400**

BLOOD UREA <small>Urease-GLDH,Kinetic</small>		23	mg/dL	15 - 45
BUN <small>(Calculated)</small>		10.7	mg/dL	7 - 21
CREATININE-SERUM <small>(Modified Jaffe s Kinetic)</small>	<b>L</b>	<b>0.8</b>	mg/dL	0.9 - 1.3
GLUCOSE-PLASMA (FASTING) <small>(UV Hexokinase)</small>		100.0	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>		95.0	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>197</b>	mg/dL	0 - 160
HDL CHOLESTROL <small>Enzymatic Inhibition</small>	<b>L</b>	<b>39</b>	mg/dL	>40
CHOLESTROL-LDL DIRECT <small>Enzymatic Selective Protection</small>	<b>H</b>	<b>128</b>	mg/dL	0 - 100
S.TRIGLYCERIDES <small>(GPO - POD)</small>	<b>H</b>	<b>231</b>	mg/dL	0 - 160
NON-HDL CHOLESTROL <small>(Calculated)</small>	<b>H</b>	<b>158.0</b>	mg/dL	0 - 125
TOTAL CHOLESTROL / HDL CHOLESTROL <small>(Calculated)</small>		5.1		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>		3.3		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 <small>(Calculated)</small>	<b>H</b>	<b>46</b>	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>1.55</b>	mg/dL	0.2 - 1.0
BILIRUBIN-DIRECT <small>(DPD)</small>	<b>H</b>	<b>0.24</b>	mg/dL	0 - 0.2
BILIRUBIN-INDIRECT <small>(Calculated)</small>	<b>H</b>	<b>1.31</b>	mg/dL	0.2 - 0.8



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S.PROTEIN-TOTAL (Biuret)	H	8.3	g/dL	6 - 8.1
ALBUMIN-SERUM (Dye Binding-Bromocresol Green)		5.1	g/dL	3.5 - 5.2
S.GLOBULIN (Calculated)		3.2	g/dL	2.8-3.8
A/G RATIO (Calculated)		1.59		1.5 - 2.5
ALKALINE PHOSPHATASE (IFCC AMP BUFFER)		77.6	IU/L	53 - 128
ASPARTATE AMINO TRANSFERASE (SGOT) (IFCC)	H	60.6	IU/L	10 - 42
ALANINE AMINO TRANSFERASE(SGPT) (IFCC)	H	111.9	IU/L	10 - 40
GAMMA-GLUTAMYLTRANSPEPTIDASE (IFCC)	H	111.8	IU/L	11 - 50
LACTATE DEHYDROGENASE (IFCC; L-P)		241.9	IU/L	0 - 248
S.PROTEIN-TOTAL (Biuret)	H	8.3	g/dL	6 - 8.1
URIC ACID (Uricase - Trinder)	H	7.9	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\_MALE(BELOW-40)@2400

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.

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

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Age / Gender	: 31 Yrs 6 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24050455	Current Ward / Bed	: /
		Receiving Date & Time	: 26-10-2024 09:53
		Reporting Date & Time	: 26-10-2024 17:41

SEROLOGY REPORTING

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

MEDIWHEEL FULL BODY HEALTH CHECKUP\_MALE(BELOW-40)@2400

THYROID PROFILE (FT3+FT4+TSH)

FREE-TRI IODO THYRONINE (FT3) (ECLIA)		2.73	pg/mL	2.0-4.4
FREE -THYROXINE (FT4) (ECLIA)		1.06	ng/dL	0.9-1.7
THYROID STIMULATING HORMONE (TSH) (ECLIA)		3.77	mIU/L	0.27-4.20

\*\* End of Report \*\*

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Age / Gender	: 31 Yrs 6 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24050452	Current Ward / Bed	: /
		Receiving Date & Time	: 26-10-2024 09:53
		Reporting Date & Time	: 26-10-2024 13:49

HAEMATOLOGY REPORTING

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

MEDIWHEEL FULL BODY HEALTH CHECKUP\_MALE(BELOW-40)@2400

CBC -1 (COMPLETE BLOOD COUNT)

TOTAL LEUCOCYTE COUNT (Flow Cytometry)		9.4	thousand/cumm	4 - 11
RED BLOOD CELL COUNT (Hydro Dynamic Focussing)	H	5.7	million/cumm	4.5 - 5.5
HAEMOGLOBIN (SLS Hb Detection)		16.1	g/dL	13 - 17
PACK CELL VOLUME (Cumulative Pulse Height Detection)	H	52.2	%	40 - 50
MEAN CORPUSCULAR VOLUME (Calculated)		92.4	fL	83 - 101
MEAN CORPUSCULAR HAEMOGLOBIN (Calculated)		28.5	pg	27 - 32
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION (Calculated)	L	30.9	g/dL	31.5 - 34.5
PLATELET COUNT (Hydro Dynamic Focussing)		158	thousand/cumm	150 - 400
RED CELL DISTRIBUTION WIDTH (S.D - RDW) (Particle Size Distribution)	H	52.8	fL	39 - 46
RED CELL DISTRIBUTION WIDTH (C.V.)	H	16.0	%	11.6 - 14

DIFFERENTIAL LEUCOCYTE COUNT

NEUTROPHILS (Flow-cytometry & Microscopy)		74	%	40 - 80
LYMPHOCYTES (Flow-cytometry & Microscopy)	L	17	%	20 - 40
MONOCYTES (Flow-cytometry & Microscopy)		4	%	2 - 10
EOSINOPHILS (Flow-cytometry & Microscopy)		5	%	1 - 5
BASOPHILS (Flow-cytometry & Microscopy)		0	%	0 - 1
ESR (Westergren)		10	mm/1st hr	0 - 10

\*\* End of Report \*\*

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Age / Gender	: 31 Yrs 6 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH24050484	Current Ward / Bed	: /
		Receiving Date & Time	: 26-10-2024 10:41
		Reporting Date & Time	: 26-10-2024 17:47

CLINICAL PATH REPORTING

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

MEDIWHEEL FULL BODY HEALTH CHECKUP\_MALE(BELOW-40)@2400

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)		1.020		1.005 - 1.030

MICROSCOPIC EXAMINATION

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

\*\* End of Report \*\*

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MBBS,MD  
CONSULTANT

# DEPARTMENT OF RADIO-DIAGNOSIS & IMAGING

Report : ULTRASOUND

Patient Name	:	MR. KUNAL SINGH	IPD No.	:	
Age	:	31 Yrs 6 Mth	UHID	:	APH000030371
Gender	:	MALE	Bill No.	:	APHHC240001878
Ref. Doctor	:	MEDIWHEEL	Bill Date	:	26-10-2024 09:32:32
Ward	:		Room No.	:	
			Print Date	:	26-10-2024 10:47:37

## **WHOLE ABDOMEN:**

**Both the hepatic lobes are mildly enlarged in size and show grade III fatty infiltration (Liver measures 17.3 cm)**

No focal lesion seen. Intrahepatic biliary radicals are not dilated.

Portal vein is normal in calibre.

Gall bladder is well distended. Wall thickness is normal. No calculus seen.

CBD is normal in calibre.

Pancreas is normal in size and echotexture.

Spleen is normal in size (10.5 cm) and echotexture.

Both kidneys are normal in size and echotexture (Right kidney (11.2 cm), Left kidney (11.5 cm). Cortico-medullary distinction is maintained. No calculus or hydronephrosis seen.

Urinary bladder is distended and appears normal. Wall thickness is normal.

Prostate appears normal in size (Vol. 11.8 cc), outline and echotexture.

No free fluid or collection seen. No basal pleural effusion seen.

No significant lymphadenopathy seen.

No dilated bowel loop seen.

**IMPRESSION:- Mild hepatomegaly with grade III fatty infiltration.**

*Please correlate clinically.....*

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

Prepare By.  
MD.SERAJ

DR. ALOK KUMAR, M.B.B.S, M.D, DMRD  
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.



# DEPARTMENT OF RADIO-DIAGNOSIS & IMAGING

Report : XRAY

Patient Name	:	MR. KUNAL SINGH	IPD No.	:	
Age	:	31 Yrs 6 Mth	UHID	:	APH000030371
Gender	:	MALE	Bill No.	:	APHHC240001878
Ref. Doctor	:	MEDIWHEEL	Bill Date	:	26-10-2024 09:32:32
Ward	:		Room No.	:	
			Print Date	:	26-10-2024 13:22:15

## **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

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