

FINAL REPORT

Bill No.	: APHHC230000224	Bill Date	: 25-02-2023 10:22
Patient Name	: MR. RAKESH RANJAN	UHID	: APH000013669
Age / Gender	: 50 Yrs 1 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004594	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 12:27
		Reporting Date & Time	: 25-02-2023 20:30

SEROLOGY REPORTING

Test (Methodology)	Flag	Result	UOM	Biological Reference Interval
<i>Sample Type: Serum</i>				
MEDIWHEEL FULL BODY HEALTH CHECKUP _MALE(ABOVE 40)@2550				
PROSTATIC SPECIFIC ANTIGEN(TOTAL) (ELFA)		0.40	ng/mL	0 - 4

Note:

TPSA as a Tumor marker is used as an additional test for prognosis and monitoring of therapy for patients with diagnosed malignant tumors. It may offer a diagnostic value for screening patients with suspected malignancies, as high values may be experienced in situations like benign prostatic hyperplasia, prostatitis, bladder catheterisation, urinary retention, endoscopic examination. Value in between 4-10ng/ml may be an indication of Benign Prostate Hyperplasia or prostate Carcinoma, values greater than 10ng/ml may indicate high risk of Carcinoma.

The test has been carried out in Fully Automated Immunoassay System VIDAS using ELFA (Enzyme Linked Fluorescence Assay) technology.

T3 TOTAL (ELFA)		1.51	nmol/l	0.95-2.5
T4 TOTAL (ELFA)	L	57.18	nmol/l	60-120
THYROID STIMULATING HORMONE (ELFA)	H	9.99	µIU/mL	0.25-5

TESTS	RESULTS	EXPECTED VALUES
THYROID PROFILE TOTAL (T3,T4,TSH TOTAL)		
Thyroid-Stimulating Hormone (TSH)		0.25-5µIU/ml
Serum Triiodothyronine (T3 TOTAL)		0.95-2.5nmol/l
Serum Thyroxine (T4 TOTAL)		60-120nmol/l

Wallach's reference range for Thyroid for neonates and children

Age	TSH (µIU/ml)	TT4(nmol/l)	TT3(nmol/l)
1-4 days	1-39	142-277	1.5-11.4
1-4 wks	1.7-9.1	106-221	1.6-5.3
1-12 mon	0.8-8.2	76-210	1.6-3.8
1-5 yrs	0.7-5.7	94-193	1.6-4.1
6-10 yrs	0.7-5.7	82-171	1.4-3.7
11-15 yrs	0.7-5.7	71-151	1.3-3.3

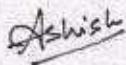
FINAL REPORT

Bill No.	: APHHC230000224	Bill Date	: 25-02-2023 10:22	
Patient Name	: MR. RAKESH RANJAN	UHID	: APH000013669	
Age / Gender	: 50 Yrs 1 Mth / MALE	Patient Type	: OPD IF PHC :	
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /	
Sample ID	: APH23004594	Current Ward / Bed	: /	
		Receiving Date & Time	: 25-02-2023 12:27	
		Reporting Date & Time	: 25-02-2023 20:30	
	15-18 yrs	0.7-5.7	54-152	1.2-3.2

**** 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.	: APHHC230000224	Bill Date	: 25-02-2023 10:22
Patient Name	: MR. RAKESH RANJAN	UHID	: APH000013669
Age / Gender	: 50 Yrs 1 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004591	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 12:27
		Reporting Date & Time	: 25-02-2023 15:52

HAEMATOLOGY REPORTING

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

Sample Type: EDTA Whole Blood

MEDIWHEEL FULL BODY HEALTH CHECKUP _MALE(ABOVE 40)@2550
CBC -1 (COMPLETE BLOOD COUNT)

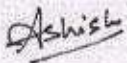
TOTAL LEUCOCYTE COUNT (Flow Cytometry)		4.6	thousand/cumm	4 - 11
RED BLOOD CELL COUNT (Hydro Dynamic Focussing)		4.6	million/cumm	4.5 - 5.5
HAEMOGLOBIN (SLS Hb Detection)		14.0	g/dL	13 - 17
PACK CELL VOLUME (Cumulative Pulse Height Detection)		40.8	%	40 - 50
MEAN CORPUSCULAR VOLUME		89.6	fL	83 - 101
MEAN CORPUSCULAR HAEMOGLOBIN		30.7	pg	27 - 32
MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION		34.3	g/dL	31.5 - 34.5
PLATELET COUNT (Hydro Dynamic Focussing)	L	130	thousand/cumm	150 - 400
RED CELL DISTRIBUTION WIDTH (S.D - RDW) (Particle Size Distribution)		44.5	fL	39 - 46
RED CELL DISTRIBUTION WIDTH (C.V.)		13.9	%	11.6 - 14

DIFFERENTIAL LEUCOCYTE COUNT

NEUTROPHILS		62	%	40 - 80
LYMPHOCYTES		27	%	20 - 40
MONOCYTES		8	%	2 - 10
EOSINOPHILS		3	%	1 - 5
BASOPHILS		0	%	0 - 1
ESR (Westergren)	H	45	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

FINAL REPORT

Bill No.	: APHHC230000224	Bill Date	: 25-02-2023 10:22
Patient Name	: MR. RAKESH RANJAN	UHID	: APH000013669
Age / Gender	: 50 Yrs 1 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004678	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 20:04
		Reporting Date & Time	: 25-02-2023 20:30

CLINICAL PATH REPORTING

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

Sample Type: Stool, Urine
MEDIWHEEL FULL BODY HEALTH CHECKUP_MALE(ABOVE 40)@2550
STOOL ROUTINE EXAMINATION
PHYSICAL EXAMINATION

COLOUR	BROWN
CONSISTENCY	SEMI SOLID
BLOOD	ABSENT
MUCOUS	ABSENT

MICROSCOPIC EXAMINATION

PUS CELLS	1-2
RBC's	NIL
TROPHOZOITES	NOT DETECTED
CYSTS	NOT DETECTED
OVA	NOT DETECTED

URINE, ROUTINE EXAMINATION
PHYSICAL EXAMINATION

QUANTITY	15 mL	
COLOUR	Pale yellow	Pale Yellow
TURBIDITY	Clear	

CHEMICAL EXAMINATION

PH (Double pH Indicator method)	5.0	5.0 - 8.5
PROTEINS (Protein-error-of-Indicators)	Trace	Negative
SUGAR (GOD-POD Method)	Negative	Negative
SPECIFIC GRAVITY, URINE (Apparent p/a change)	1.030	1.005 - 1.030

MICROSCOPIC EXAMINATION

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

**** End of Report ****
IMPORTANT INSTRUCTIONS

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

FINAL REPORT

Bill No.	: APHHC230000224	Bill Date	: 25-02-2023 10:22
Patient Name	: MR. RAKESH RANJAN	UHID	: APH000013669
Age / Gender	: 50 Yrs 1 Mth / MALE	Patient Type	: OPD
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004678	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 20:04
		Reporting Date & Time	: 25-02-2023 20:30

Ashish

DR. ASHISH RANJAN SINGH
MBBS, MD
CONSULTANT

FINAL REPORT

Bill No.	: APHHC230000224	Bill Date	: 25-02-2023 10:22
Patient Name	: MR. RAKESH RANJAN	UHID	: APH000013669
Age / Gender	: 50 Yrs 1 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004650	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 17:39
		Reporting Date & Time	: 25-02-2023 18:48

BIOCHEMISTRY REPORTING

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

Sample Type: EDTA Whole Blood, Plasma, Serum

MEDIWHEEL FULL BODY HEALTH CHECKUP_MALE(ABOVE 40)@2550

BLOOD UREA <small>Urease-GDH/Kinetic</small>		27	mg/dL	15 - 45
BUN (CALCULATED)		12.6	mg/dL	7 - 21
CREATININE-SERUM <small>(Modified Jaffe's Kinetic)</small>	L	0.8	mg/dL	0.9 - 1.3
GLUCOSE-PLASMA (FASTING) <small>(UV Hexokinase)</small>		86.0	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>		91.0	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>	H	169	mg/dL	0 - 160
HDL CHOLESTROL <small>Enzymatic Immunoinhibition</small>		44	mg/dL	>40
CHOLESTROL-LDL DIRECT <small>Enzymatic Selective Protection</small>	H	114	mg/dL	0 - 100
S.TRIGLYCERIDES <small>(GPO-POD)</small>		92	mg/dL	0 - 160
NON-HDL CHOLESTROL		125.0	mg/dL	0 - 125
TOTAL CHOLESTROL / HDL CHOLESTROL		3.8		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		2.6		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		18	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>(CPO)</small>	H	1.04	mg/dL	0.2 - 1.0
BILIRUBIN-DIRECT <small>(CPO)</small>		0.19	mg/dL	0 - 0.2
BILIRUBIN-INDIRECT	H	0.85	mg/dL	0.2 - 0.8
S.PROTEIN-TOTAL <small>(Skand)</small>		6.8	g/dL	6 - 8.1

FINAL REPORT

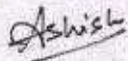
Bill No.	: APHHC230000224	Bill Date	: 25-02-2023 10:22
Patient Name	: MR. RAKESH RANJAN	UHID	: APH000013669
Age / Gender	: 50 Yrs 1 Mth / MALE	Patient Type	: OPD If PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004650	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 17:39
		Reporting Date & Time	: 25-02-2023 18:48

ALBUMIN-SERUM (Dye Binding-Bromocresol Green)		4.3	g/dL	
S.GLOBULIN	L	2.5	g/dL	2.8-3.8
A/G RATIO		1.72		1.5 - 2.5
ALKALINE PHOSPHATASE (IFCC AMP BUFFER)		65.6	IU/L	53 - 128
ASPARTATE AMINO TRANSFERASE (SGOT) (IFCC)	H	49.5	IU/L	10 - 42
ALANINE AMINO TRANSFERASE(SGPT) (IFCC)	H	59.4	IU/L	10 - 40
GAMMA-GLUTAMYLTRANSPEPTIDASE (IFCC)		26.6	IU/L	11 - 50
LACTATE DEHYDROGENASE (IFCC; L-P)		215.8	IU/L	0 - 248
S.PROTEIN-TOTAL (Buret)		6.8	g/dL	6 - 8.1
URIC ACID Urinase - Trinder		6.3	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.	: APHHC230000224	Bill Date	: 25-02-2023 10:22
Patient Name	: MR. RAKESH RANJAN	UHID	: APH000013669
Age / Gender	: 50 Yrs 1 Mth / MALE	Patient Type	: OPD IF PHC :
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004650	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 17:39
		Reporting Date & Time	: 25-02-2023 18:48

Sample Type: EDTA Whole Blood, Plasma, Serum

MEDIWHEEL FULL BODY HEALTH CHECKUP _MALE(ABOVE 40)@2550

HBA1C (Turbidimetric Immuno-inhibition)

5.5

%

4.0 - 6.2

INTERPRETATION:

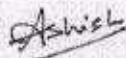
HbA1c %	Degree of Glucose Control
>8%	Action suggested due to high risk of developing long term complications like Retinopathy, Nephropathy, Cardiopathy and Neuropathy
7.1 - 8.0	Fair Control
<7.0	Good Control

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.	: APHHC230000224	Bill Date	: 25-02-2023 10:22
Patient Name	: MR. RAKESH RANJAN	UHID	: APH000013669
Age / Gender	: 50 Yrs 1 Mth / MALE	Patient Type	: OPD
Ref. Consultant	: MEDIWHEEL	Ward / Bed	: /
Sample ID	: APH23004592	Current Ward / Bed	: /
		Receiving Date & Time	: 25-02-2023 12:27
		Reporting Date & Time	: 26-02-2023 17:53

BLOOD BANK REPORTING

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

Sample Type: EDTA Whole Blood

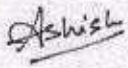
MEDIWHEEL FULL BODY HEALTH CHECKUP _MALE(ABOVE 40)@2550

BLOOD GROUP (ABO)	"B"
RH TYPE	POSITIVE

**** End of Report ****

IMPORTANT INSTRUCTIONS

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



DR. ASHISH RANJAN SINGH
MBBS,MD
CONSULTANT

DEPARTMENT OF RADIO-DIAGNOSIS & IMAGING

Report : XRAY

Patient Name	: MR. RAKESH RANJAN	IPD No.	:	
Age	: 50 Yrs 1 Mth	UHID	:	APH000013669
Gender	: MALE	Bill No.	:	APHHC230000224
Ref. Doctor	: MEDIWHEEL	Bill Date	:	25-02-2023 10:22:58
Ward	:	Room No.	:	
		Print Date	:	26-02-2023 12:05:10

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.
IMAGING.PT

CONSULTANT RADIOLOGIST,

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 : ULTRASOUND

Patient Name	: MR. RAKESH RANJAN	IPD No.	:	
Age	: 50 Yrs	UHID	:	APH000013669
Gender	: MALE	Bill No.	:	APHHC230000224
Ref. Doctor	: MEDIWHEEL	Bill Date	:	25-02-2023 10:22:58
Ward	:	Room No.	:	
		Print Date	:	25-02-2023 18:51:09

WHOLE ABDOMEN:

Both the hepatic lobes are normal in size and show mild increase in parenchymal echogenicity S/O grade I fatty liver infiltration. (Liver measures 13.4cm).

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 (9.8 cm) and echotexture.

Both kidneys are normal in size and echotexture (Right kidney (8.8 x 3.4cm), Left kidney (9.5 x 4.5cm).

Cortico-medullary distinction is maintained. No calculus or hydronephrosis seen.

Urinary bladder appears normal.

Prostate appears normal in size (Vol. 17 cc), outline and echotexture.

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

No significant lymphadenopathy seen.

No dilated bowel loop seen.

IMPRESSION: Grade I fatty liver infiltration of liver.

Rest unremarkable

Please correlate clinically.

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

Prepare By.
IMAGING.PT

CONSULTANT RADIOLOGIST,

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.

NON INVASIVE CARDIOLOGY

Patient Name	: MR. RAKESH RANJAN	IPD No.	:
Age	: 50 Yrs	UHID	: APH000013669
Gender	: MALE	Bill No.	: APHHC230000224
Ref. Doctor	: MEDIWHEEL	Bill Date	: 25-02-2023 10:22:58
Ward	:	Room No.	:
		Procedure Date	: 25-02-2023 17:40:02

ECHOCARDIOGRAPHY COLOUR DOPPLER REPORT

M MODE STUDY (MEASUREMENTS)

Left Ventricle:-

EDD:	48	(mm)	Left Atrium	34	(mm)
ESD:	34	(mm)	Aortic Root	32	(mm)
IVS Thickness (D/S)	1.0/1.2	(mm)	Right Ventricle (TAPSE)	21	(mm)
LVPW Thickness	0.9/1.5	(mm)	Pericardium	NORMAL	
LVEF	63	(%)			

WALL MOTION STUDY : NO RWMA

MV	: NORMAL	TV	: NORMAL
AV	: NORMAL	PV	: NORMAL
IAS	: NORMAL	IVS	: NORMAL

DOPPLER STUDY (PW/CW AND COLOUR FLOW IMAGING)

VALVES	V max(m/sec)	PG	MG	EDG	Orifice Area (cm ²)	REGURGITATION
		(mm Hg)				
MV E/A	0.71/0.62					MR:-NIL
AV	1.19	5.66				AR:- NIL
TV	0.96	3.42				TR:- NIL
PV	0.90	3.22				PR:- NIL

IMPRESSION: -

No RWMA.
Normal Cardiac Chamber Dimensions.
Normal LV/RV Systolic Function, LVEF-63%.
No LA-LAA Clot/ Vegetation/ Pericardial Effusion.

DR. ADITYA KUMAR.
MD, DM (CARDIOLOGY)
CONSULTANT CARDIOLOGIST