

Lab No.	: 012302240038	Reg No/BarcodeNo	: 531599/01482948
Patient Name	: Mr..ANUJ SINGH	Reg. Date	: 24/Feb/2023 08:58AM
Age/Sex	: 31 Y / Male	Sample Taken Date	: 24/Feb/2023 10:24AM
Client Code/Name	: MEDIWHEEL FULL BODY CHECKUP	Report Date	: 24/Feb/2023 11:56AM
Referred By Doctor	: Dr. BANK OF BARODA		

BIOCHEMISTRY

MEDIWHEEL MALE BELOW 40

Test Name	Result	Unit	Biological Ref Interval
<u>Blood Sugar (Fasting)</u>			
Blood Sugar Fasting Glucose Oxidase Peroxidase	85	mg/dl	70 - 100
Sample Type:Plasma			
<u>Blood Sugar (PP)</u>			
Blood Sugar PP (2 Hr.) Glucose Oxidase Peroxidase	117	mg/dl	70-140
Sample Type:Plasma			
<u>GAMMA GT/GGT</u>			
GAMMA GT / GGT	24	IU/l	15 - 73
Not in NABL Scope			
Sample Type:Serum			
<u>BUN / BLOOD UREA NITROGEN</u>			
BLOOD UREA NITROGEN Urease	9	mg/dl	8.4 - 21.0
Sample Type:Serum			
<u>CREATININE SERUM</u>			
CREATININE, Serum Aminohydrolaase	0.87	mg/dl	0.66 - 1.25
Sample Type:Serum			
<u>URIC ACID</u>			
URIC ACID, Serum Uricase Peroxidase	5.5	mg/dl	3.5 - 8.5
Sample Type:Serum			



A Gupta

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M.D. Chief Pathologist

(Reg No. 34930)

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BIOCHEMISTRY

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Test Name	Result	Unit	Biological Ref Interval
<u>LFT/LIVER FUNCTION TESTS</u>			
BILIRUBIN TOTAL Reflectance spectrophotometry	0.87	mg/dl	0.20 - 1.30
BILIRUBIN DIRECT Reflectance Spectrophotometry	0.31	mg/dl	0.0 - 0.3
BILIRUBIN INDIRECT Reflectance Spectrophotometry	0.56	mg/dl	0.10 - 1.1
SGOT /AST Mutipoint Rate with P-5-P	27	U/L	15 - 46
SGPT /ALT UV with P5P	61	U/L	0.0 - 55
Alk. Phosphatase, Serum PNPP AMP BUFFER	59	U/L	38 - 126
PROTEIN TOTAL Biuret	7.9	g/dl	6.4 - 8.3
ALBUMIN BCP	4.7	g/dl	3.5 - 5.0
GLOBULIN Calculated	3.2	g/dl	2.3 - 3.5
A/G RATIO Calculated	1.47	Ratio	1.5 - 2.5
Sample Type:Serum			



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BIOCHEMISTRY

MEDIWHEEL MALE BELOW 40

Test Name	Result	Unit	Biological Ref Interval
Lipid Profile			
CHOLESTEROL TOTAL Cholesterol Oxidase	233	mg/dl	Desirable: <200 Boderline High: 200 – 239 High : ≥240
TRIGLYCERIDES Lip/Glucercol Kinase	105	mg/dl	Normal <150 Boderline High: 150 – 199 High : 200 – 499 Very High: ≥500
HDL CHOLESTEROL Non HDL Precopitation	35	mg/dl	40 - 60
LDL CHOLESTEROL Calculated	177	mg/dl	70 - 130
VLDL CALCULATED Calculated	21	mg/dl	13 - 36
CHOL/ HDL RATIO Calculated	6.66	Ratio	Less than 4.0
LDL / HDL RATIO	5.06		

Ratio of LDL to HDL

Risk	Men	Women
Very low (1/2 average)	1	1.5
Average risk	3.6	3.2
Moderate risk (2x average)	6.3	5.0
High risk (3x risk)	8	6.1

HDL levels have an inverse relationship with coronary heart disease. The ability of **HDL** to predict the development of coronary atherosclerosis has been estimated to be four times greater than **LDL** and eight times greater than **TC**. Treatment is recommended for those with a **HDL** level below 40 mg/dL. An **HDL** of 60 mg/dL is considered protection against heart disease.

Preparation:

Blood should be collected after a 12-hour fast (no food or drink, except water). For the most accurate results, wait at least 2 months after a heart attack, surgery, infection, injury or pregnancy to check Lipid Profile.

Sample Type:Serum



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BIOCHEMISTRY

MEDIWHEEL MALE BELOW 40

Test Name	Result	Unit	Biological Ref Interval
BUN/CREATININE RATIO			
BLOOD UREA NITROGEN Urease	9	mg/dl	8.4 - 21.0
CREATININE, Serum Aminohydrolaase	0.87	mg/dl	0.66 - 1.25
Ratio	10.34	mg/dl	5 - 20

Sample Type:Serum



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Age/Sex	: 31 Y / Male	Sample Taken Date	: 24/Feb/2023 03:20PM
Client Code/Name	: MEDIWHEEL FULL BODY CHECKUP	Report Date	: 24/Feb/2023 04:41PM
Referred By Doctor	: Dr. BANK OF BARODA		

CLINICAL PATHOLOGY

MEDIWHEEL MALE BELOW 40

Test Name	Result	Unit	Biological Ref Interval
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MEDIWHEEL MALE BELOW 40

URINE SUGAR (F)

URINE SUGAR (F) NIL

(*Not in NABL Scope*)

URINE ROUTINE EXAMINATION

Method -Dipstick And Microscopy

PHYSICAL EXAMINATION

COLOUR	COLOURLESS	
SPECIFIC GRAVITY (Based on pka change)	1.005	1.001-1.030
pH (methylred/Bromothymol blue method)	8	7.50 - 8.0
TURBIDITY	NIL	
Deposit (UR)	NIL	

Chemical

PROTEIN Dipstick/Tetra bromophenol blue/ Heat & Acid Test method).	NIL	Nil
GLUCOSE (Oxidase Peroxidase method)	NIL	Nil
KETONE (Nitroprusside Method)	NEGATIVE	Nil
BILL PIGMENT (Diazo Method)	NEGATIVE	Negative
UROBILINOGEN (Ehrlich reaction)	NEGATIVE	Normal
Nitrite (Based on presence of bacteria)	NEGATIVE	Negative
Leucocyte Esterase (Esterase Diazonium Method)	NEGATIVE	Negative

After Centrifugation at 2500 R.P.M. For 5 Minutes

MICROSCOPIC EXAMINATION

RBC (Microscopic)	NIL	/ HPF	
PUS CELLS (Microscopic)	0-1	Per HPF	0 - 5 WBC/hpf
EPITHELIAL CELLS (Microscopic)	NIL	/hpf	Nil
CASTS (Microscopic)	NIL	Per LPF	0-0
CRYSTALS (Microscopic)	NIL		
Amorphous Material (Microscopic)	Nil	Per HPF	Nil
BACTERIA (Microscopic)	NIL	Per HPF	0-0



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CLINICAL PATHOLOGY

MEDIWHEEL MALE BELOW 40

Test Name	Result	Unit	Biological Ref Interval
URINE SUGAR (PP)			
URINE SUGAR (PP)	NIL		

(*Not in NABL Scope*)



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HAEMATOLOGY

MEDIWHEEL MALE BELOW 40

Test Name	Result	Unit	Biological Ref Interval
MEDIWHEEL MALE BELOW 40			
<u>CBC / COMPLETE BLOOD COUNT</u>			
HEMOGLOBIN (Hb) Photometry Cyanide Free	13.8	g/dl	13.5-17.5
TLC Impedance	7200	/cumm	4000-11000
<u>DLC (%)</u>			
NEUTROPHIL DHSS/Microscopic	66	%	40-80
LYMPHOCYTE DHSS/Microscopic	23	%	24-44
EOSINOPHIL DHSS/Microscopic	4	%	01-06
MONOCYTE DHSS/Microscopic	7	%	3-6
Platelet Impedance/Microscopic	161	10 ³ /μL	140 - 440
RBC COUNT Impedance	6.7	10 ⁶ /μL	4.5 - 5.5
PCV (HCT) Numeric Integration	43.8	%	41-53
MCV Calculated	65.3	fL	83-91
MCH Calculated	20.5	pg	26-34
MCHC Calculated	31.4	g/dL	31-37
RDW-CV Calculated	13.7	%	11.6 - 14.0
MPV	10.8	fL	8 - 12
ABSOLUTE NEUTROPHIL COUNT DHSS/Calculated	4.7	10 ³ /μL	2.00-7.00
ABSOLUTE LYMPHOCYTE COUNT DHSS/Calculated	1.7	10 ³ /μL	1.0-3.0
ABSOLUTE MONOCYTE COUNT DHSS/Calculated	0.5	10 ³ /μL	0.0-2.0-1.0
ABSOLUTE EOSINOPHIL COUNT DHSS/Calculated	0.3	10 ³ /μL	0.02 - 0.50

Sample Type Whole Blood EDTA



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HAEMATOLOGY

MEDIWHEEL MALE BELOW 40

Test Name	Result	Unit	Biological Ref Interval
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MEDIWHEEL MALE BELOW 40

ESR WESTERGREN (Automated)

ESR WESTERGREN (Automated) WESTERGREN	12	mm	0 - 14
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Not in NABL Scope

Sample Type:EDTA Blood

ABO Rh / BLOOD GROUP Tube Agglutination (FORWARD & REVERSE Method)

BLOOD GROUP / ABO-RH

ABO	B
Reverse & Forward	
Rh	POSITIVE
Reverse & Forward	

Sample Type:EDTA Blood



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HAEMATOLOGY

MEDIWHEEL MALE BELOW 40

Test Name	Result	Unit	Biological Ref Interval
HbA1C/GLYCATED HEMOGLOBIN/GHB			
HBA1C/GLYCATED HEMOGLOBIN	5.4	%	
Average of Glucose Level	108	mg/dl	

Test is done by HPLC method (Gold Standard) D-10 Analyzer.

Expected Values :-

Test	Normal Range	
HbA1c	Non Diabetic:	4.0% - 6.0%
	Good Control:	6.1% - 8.0%
	Poor Control:	8.1% - 9.0 %
	Unsatisfactory:	> 9 %

To convert an A1c to the new average mean blood glucose, use this formula:
 $eAG(mg/dl) = (28.7 \times HbA1c) - 46.7$

Not in NABL Scope

Sample Type:EDTA Blood



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IMMUNOASSAY

MEDIWHEEL MALE BELOW 40

Test Name	Result	Unit	Biological Ref Interval
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MEDIWHEEL MALE BELOW 40

T3 / TRIDOTHYRONINE TOTAL

T3 TOTAL	1.34	ng/mL	0.35 - 1.93
CLIA			

Increased levels are seen in hyperthyroidism and decreased levels are seen in hypothyroidism.

Sample Type:Serum

T4 / THYROXIN TOTAL

T4 TOTAL	10.54	µg/dl	4.50 - 10.9
CLIA			

Increased levels are seen in graves disease cancer of thyroid as symptoms of hyperthyroidism.Low levels are seen in hypothyroidism whose symptoms are myoxyedema hashmito disease and pituitary disorders



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IMMUNOASSAY

MEDIWHEEL MALE BELOW 40

Test Name	Result	Unit	Biological Ref Interval
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MEDIWHEEL MALE BELOW 40

TSH (Thyroid Stimulating Hormone)

TSH (ECLIA) CLIA	1.47	µIU/ml	0.35 - 5.50
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NOTE:

Guidelines for interpretation of abnormal thyroid function test.

TSH	T4/FT4	T3/FT3	Interpretation
High	Normal	Normal	Mild(subclinical) Hypothyroidism.
High	Low	Normal	Hypothyroidism
Low	Normal	Normal	Mild (subclinical) Hyperthyroidism.
Low	High/Normal	Normal	Hyperthyroidism
Low	Low/Normal	Normal	Rare pituitary(secondary)Hypothyroidism

Sample Type:Serum



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X-RAY

MEDIWHEEL MALE BELOW 40

MEDIWHEEL MALE BELOW 40

X RAY CHEST PA VIEW

DIAPHRAGMS ARE NORMAL.

COSTOPHRENIC ANGLES ARE CLEAR.

CARDIAC SHADOW IS NORMAL.

NO PARENCHYMAL LESION IS NOTED.

ACTIVE DISEASE OF LUNGS OR PLEURA IS NOT INDICATED.

DR. S. KHURANA
M.B.B.S.,D.M.R.E.

*** End Of Report ***

