CIN No : L85320DL2017PLC321605





Test Description		Value	Unit	Biological Ref Interval
Sample Type	: EDTA		Test Reported On :	Mar 25, 2023, 03:05 p.m.
Refd by Dr.	: MEDIWHEEL		Sample Acknowled	<b>gment Date</b> : Mar 25, 2023, 11:59 a.m.
Age/Gender	: 40 years / Male		Sample Collection	<b>Date</b> : Mar 25, 2023, 11:59 a.m.
Name of Patient	: MR. YOGINDER DESWAL		Lab Request ID : 23	30840065
Reg. ID	: 257043		Panel Company : M	IEDIWHEEL

Test Description	Value	Unit	Biological Ref Interval	
	<u>Complete Bloo</u>	od Count (CBC)		
Mediwheel metro full body health check up below	v 40 Male			
HAEMOGLOBIN (Hb) Method : SLS	15.4	gm/dl	13.00 - 17.00	
TLC (Total Leucocyte Count ) Method : ELECTRIC IMPEDENCE	5600	/cumm	4000.00 - 10000.00	
DIFFERENTIAL COUNT				
NEUTROPHIL	50	%	40.00 - 70.00	
LYMPHOCYTE	45 ▲	%	20.00 - 40.00	
EOSINOPHIL	03	%	1.00 - 6.00	
MONOCYTE	02	%	2.00 - 10.00	
BASOPHIL	0	%	0.00 - 2.00	
E.S.R.	15	mm/Ist hr.	0.00 - 15.00	
Method : Westergen				
R B C (Red Blood Cell Count)	5.2	Millions/cmm	4.50 - 5.50	
Method : Impedence				
PCV (Hematocrit)	46.8	%	40.00 - 50.00	
M C V (Mean Corp Volume)	90	fL	83.00 - 101.00	
Method : CALCULATED	29.62	20	27.00 - 32.00	
M C H (Mean Corp Hb) Method : CALCULATED	29.02	pg	27.00 - 32.00	
M C H C (Mean Corp Hb Conc)	32.91	%	31.50 - 34.50	
Method : CALCULATED				
MPV	9.9	fl	6.5-12	
Method : Calculated				
PLATELET COUNT	246000	/cumm	150000.00 - 410000.00	
Method : Impedence	1.60	,	40.00 440.00	
ABSOLUTE EOSINOPHIL COUNT	168	/cumm	40.00 - 440.00	
ABSOLUTE LYMPHOCYTES COUNT	2520	/cumm	1000.00 - 3000.00	
ABSOLUTE NEUTROPHIL COUNT	2800	/cumm	2000.00 - 7000.00	
Method : MICROSCOPY RDW -CV	13.4	%	11.60 - 14.00	
RDW -SD	44.1	fL	39.00 - 46.00	
PDW	13.3		8.3 - 25	

\*\*END OF REPORT\*\*

If tests results are alarming/unexpected, client is advised to contact the Lab immediately for possible remedial actions.

*X* 

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CIN No : L85320DL2017PLC321605





Reg. ID Name of Patient Age/Gender Refd by Dr. Sample Type	: 257043 : MR. YOGINDER DESWAL : 40 years / Male : MEDIWHEEL : URINE		Sample Acknowled		
Test Description		Value	Unit	Biological Ref Interval	
Mediwheel metro fi	all body health check up below 40		nination R/M*		
Physical Examinat	,				
Quantity		30ml			
Colour		Pale Yellow		Pale yellow	
Appearance		Clear	·	Tale yellow	
Chemical Examina	ation				
Ph		6.5		5.0-8.0	
Method : Method : Dipstic	k Manual				
Specific Gravity		1.015		1.005 - 1.030	
Method : Method : Dipstic	ek Manual				
Protein		Negative		Negative	
Method : Method : Dipstic Glucose	k Manual	Negative		Negative	
Method : Dipstick/Manua	1	Negative		negauve	
Bilirubin		Negative		Negative	
Method : Dipstick/Manua	1				
Ketones		Negative		Negative	
Method : Dipstick/Manua	1				
Nitrite		Negative		Negative	
Method : Dipstick/Manua	d.	N7 1		N7 1	
Urobilinogen		Normal		Normal	
Method : Dipstick/Manua	u				
	<u>ination - Method "Microscopy"</u>				
Pus cells		1 - 2	/hpf	0-4/hpf	
Red Blood Cells		Absent	/hpf	Nil	
Epithelial Cells		1 - 2	/hpf	1 – 2/hpf	
Crystals		Absent		Absent	
Casts		Absent		Absent	
Yeast		Absent		Absent	
Bacteria		Absent		Absent	
NT - 4 -					

#### <u>Note</u>

Pus Cells are significant only in midstream sample. Important for interpretation in female patient as local contamination may occur.

A urine analysis alone usually doesn't provide a definite diagnosis. Depending on the reason your doctor recommended this test, you might need follow-up for unusual results. Evaluation of the urine analysis results with other tests can help your provider determine next steps.Getting standard test results from a urine analysis doesn't guarantee that you're not ill. It might be too early to detect disease or your urine could be too diluted. Tell your doctor if you still have signs and symptoms.

Dr. A. LALCHANDANI

M.D. (Pathology)

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CIN No : L85320DL2017PLC321605





Test Description		Value	Unit	<b>Biological Ref Interval</b>
Sample Type	: URINE		Test Reported On :	Mar 25, 2023, 05:57 p.m.
Refd by Dr.	: MEDIWHEEL		Sample Acknowled	<b>gment Date</b> : Mar 25, 2023, 11:59 a.m.
Age/Gender	: 40 years / Male		Sample Collection	<b>Date</b> : Mar 25, 2023, 11:59 a.m.
Name of Patient	: MR. YOGINDER DESWAL		Lab Request ID : 23	30840065
Reg. ID	: 257043		Panel Company : M	IEDIWHEEL

\*\*END OF REPORT\*\*

If tests results are alarming/unexpected, client is advised to contact the Lab immediately for possible remedial actions.



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CIN No : L85320DL2017PLC321605

# 

Reg. ID Name of Patient Age/Gender Refd by Dr. Sample Type	: 257043 : MR. YOGINDER DESWAL : 40 years / Male : MEDIWHEEL : EDTA		Sample Acknowle		
Test Description		Value	Unit	<b>Biological Ref Interval</b>	
Blood Group ABO & RH TYPING*					
Mediwileer metro i	ull body health check up below 4	io male			
BLOOD GROUP A	ABO	В			
RH Typing		Positive			

END OF REPORT

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CIN No : L85320DL2017PLC321605



Reg. ID Name of Patient Age/Gender Refd by Dr. Sample Type	: 257043 : MR. YOGINDER DESWA : 40 years / Male : MEDIWHEEL : FLUORIDE-F	AL	Sample Acknowled	
Test Description		Value	Unit	<b>Biological Ref Interval</b>
		BLOOD GLU	UCOSE FASTING	
Mediwheel metro f	ull body health check up below	w 40 Male		
BLOOD GLUCOS	SE FASTING	111 🔺	mg/dl	70 - 99
Method : Hexokinase <u>Comments</u>				
Fasting Blood Suga	ar: 70-99 mg/dl : Non Diabetic	2		
	100-125 mg/dl : Impaired F	asting Glucose		
	>125 mg/dl : Diabetic			

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CIN No : L85320DL2017PLC321605





Reg. ID	: 257043		Panel Company : M	1EDIWHEEL
Name of Patient	: MR. YOGINDER DESWAL		Lab Request ID : 2	30840065
Age/Gender	: 40 years / Male		Sample Collection	<b>Date</b> : Mar 25, 2023, 11:59 a.m.
Refd by Dr.	: MEDIWHEEL		Sample Acknowled	gment Date : Mar 25, 2023, 11:59 a.m.
Sample Type	: URINE		Test Reported On :	Mar 25, 2023, 05:11 p.m.
Test Description		Value	Unit	<b>Biological Ref Interval</b>

# URINE SUGAR (FASTING)\*

Mediwheel metro full body health check up below 40 Male

Urine Sugar (Fasting)

Absent

END OF REPORT

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CIN No : L85320DL2017PLC321605



Reg. ID	: 257043		Panel Company : M	IEDIWHEEL
Name of Patient	: MR. YOGINDER DESWA	L	Lab Request ID : 00	0230840065
Age/Gender	: 40 years / Male		Sample Collection I	Date : Mar 25, 2023, 11:59 a.m.
Refd by Dr.	: MEDIWHEEL		Sample Acknowled	gment Date : Mar 25, 2023, 11:59 a.m.
Sample Type	: SERUM		Test Reported On :	Mar 25, 2023, 04:32 p.m.
Test Description		Value	Unit	<b>Biological Ref Interval</b>
		Thyroid Function	on Test (T3,T4,TSH)	
Mediwheel metro f	ull body health check up below	v 40 Male		
TOTAL T3		1.17	ng/mL	0.60 - 1.83
Method : CLIA				
TOTAL T4		9.15	ug/dl	5.48 - 14.28
Method : CLIA				
Thyroid Simulating	Hormone - TSH	2.19	uU/ml	0.35 - 5.50
Method : CLIA				

#### COMMENTS:-

A high TSH result often means an underactive thyroid gland caused by failure of the gland (Hypothrodism). Very rarely, a high TSH result can indicate a problem with the pituitary gland, such as a tumour, in what is known as secondary hyperthrodism. A high TSH value can also occur in people with underactive thyroid gland who have been receiving too little thyroid hormone medication.

A low TSH result can indicate an overactive thyroid gland (hyperthyroidism) or damage to the pituitary gland that prevents it from producing TSH. A low TSH result can also occur in people with an underactive thyroid gland who are receiving too much thyroid hormone medication.

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CIN No : L85320DL2017PLC321605



Reg. ID	: 257043	Panel Company : MEDIWHEEL
Name of Patient	: MR. YOGINDER DESWAL	Lab Request ID : 230840065
Age/Gender	: 40 years / Male	Sample Collection Date : Mar 25, 2023, 11:59 a.m.
Refd by Dr.	: MEDIWHEEL	Sample Acknowledgment Date : Mar 25, 2023, 11:59 a.m.
Sample Type	: EDTA	Test Reported On : Mar 25, 2023, 04:08 p.m.

Test Description	Value	Unit	<b>Biological Ref Interval</b>
GLYCO	SYLATED HAEM	OGLOBIN HbA1c	* _
Mediwheel metro full body health check up below 40	) Male		
HBA1C*	5.4	%	4.00 - 5.70
Method : HPLC - Ion Exchange			
MEAN BLOOD GLUCOSE LEVELMean Blood	108	mg/dL	68 - 117

Glucose Level over past 60 days period

#### **INTERPRETATION**

#### According to recommendations of the American Diabetes Association (ADA)

Group	HbA1c in %
Non-Diabetic adults 18 year	4.5 - 5.6
At risk of developing diabetes	> 5.7 to < 6.4
Diagnosing of Diabetes mellitus	>= 6.5

#### **Comments**

- Since HbA1c reflects long term fluctuations in the blood glucose concentration, a diabetic patient who is recently under good control may still have q high concentration of HbA1c. Converse is true for a diabetic previously under good control but now poorly controlled.
- Diabetes patients with HbA1c levels below 7%(DCCT/NGSP) meet the goal of the ADA.
- HbA1c levels below the established reference interval may indicate recent episodes of hypoglycemia, the presence of Hb variants or shortened lifetime of erythrocytes.
- HbA1c Provides an index of average blood glucose levels over the past 8 -12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations.

**FACTORS THAT INTERFERE WITH HbA1C Measurement**- Hemoglobin variants, elevated fetal hemoglobin (HbF) and chemically modified derivatives of hemoglobin (e.g. carbamylated Hb in patients with renal failure) can affect the with renal failure) can affect the accuracy of HbA1c measurements.

FACTORS THAT AFFECT INTERPRETATION OF HBA1C RESULTS - Any condition that shortens erythrocyte survival or decreases mean erythrocyte age (e.g., recovery from acute blood loss, hemolytic anemia, HbSS, HbCC, and HbSC) will falsely lower HbA1c test results regardless of the assay method used. Iron deficiency anemia is associated with higher HbA1c

#### END OF REPORT

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CIN No : L85320DL2017PLC321605





Reg. ID	: 257043	Panel Company : MEDIWHEEL
Name of Patient	: MR. YOGINDER DESWAL	Lab Request ID : 230840065
Age/Gender	: 40 years / Male	Sample Collection Date : Mar 25, 2023, 11:59 a.m.
Refd by Dr.	: MEDIWHEEL	Sample Acknowledgment Date : Mar 25, 2023, 11:59 a.m.
Sample Type	: EDTA	Test Reported On : Mar 25, 2023, 04:08 p.m.

**Test Description** 

Value

Unit

**Biological Ref Interval** 



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CIN No : L85320DL2017PLC321605



# 

**Biological Ref Interval** 

Name of Patient: MR. YOGINDER DESWALLab Request ID : 00230840065Age/Gender: 40 years / MaleSample Collection Date : Mar 25, 2023, 11:59 a.m.Refd by Dr.: MEDIWHEELSample Acknowledgment Date : Mar 25, 2023, 11:59 a.m.	Reg. ID	: 257043	Panel Company : MEDIWHEEL
	Name of Patient	: MR. YOGINDER DESWAL	Lab Request ID : 00230840065
Refd by Dr.: MEDIWHEELSample Acknowledgment Date : Mar 25, 2023, 11:59 a.m.	Age/Gender	: 40 years / Male	Sample Collection Date : Mar 25, 2023, 11:59 a.m.
	Refd by Dr.	: MEDIWHEEL	Sample Acknowledgment Date : Mar 25, 2023, 11:59 a.m.
Sample Type         : SERUM         Test Reported On : Mar 25, 2023, 03:19 p.m.	Sample Type	: SERUM	<b>Test Reported On</b> : Mar 25, 2023, 03:19 p.m.

Value

**Test Description** 

Lipid-Profile\*

Unit

Mediwheel metro full body health check up below 40 Male

CHOLESTROL TOTAL Method : CHOD-POD	258 🔺	mg/dL	Desirable : < 200 Borderline: 200 - 239 High : > 240
T.G Method : ENZYMAYTIC (E.P)	89	mg/dL	Desirable < 150 Borderline High 150 - 199 High 200 - 499 Very High > 500
HDL Method : DCM	58	mg/dL	Male : 30 - 70 Female : 30 - 85
V L D L Method : Calculated	17.8	mg/dl	07 - 35
LDL CHOLESTEROL Method : Calculated	182.2 🔺	mg/dl	Desirable :- < 100 Border line: 130 - 159 High Risk : 160 - 189 Very High : > 190
LDL / HDL CHOLESTEROL Ratio Method : Calculated	3.14		2.5 - 3.5 High : > 3.5
TOTAL / HDL CHOLESTEROL Ratio Method : Calculated	4.45 ▲		Moderate Risk : 3.5 - 5.0 High Risk : > 5.0

#### Note

A Lipid Profile test panel measures the level of lipids, or fats, in your blood which essentially measures the following

- 1. **High-density lipoprotein (HDL) cholesterol -** referred to as "good" cholesterol because it helps remove LDL "bad" cholesterol from your blood.
- 2. Low-density lipoprotein (LDL) cholesterol referred to as "bad" cholesterol. Too much of it can cause cholesterol to build up on the walls of your arteries. This raises your risk of heart attack, stroke, and atherosclerosis.
- 3. **Triglycerides -** When you eat, your body breaks down fats in your food into smaller molecules called <u>triglycerides</u>. High levels of triglycerides in your blood increase your risk of developing cardiovascular disease. Having obesity or unmanaged diabetes, drinking too much alcohol, and eating a high calorie diet can all contribute to high triglyceride levels.

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CIN No : L85320DL2017PLC321605



# 

Reg. ID	: 257043		<b>Panel Company</b> : MEDIWHEEL	
Name of Patient	: MR. YOGINDER DESWAL	Lab Request ID : 00230840065		00230840065
Age/Gender	: 40 years / Male	Sample Collection Date : Mar 25, 2023, 11:59 a.m.		
Refd by Dr.	: MEDIWHEEL		Sample Acknowledgment Date : Mar 25, 2023, 11:59 a.m.	
Sample Type	: SERUM	<b>Test Reported On</b> : Mar 25, 2023, 03:19 p.m.		
Test Description		Value	Unit	Biological Ref Interval

4. Very low-density lipoprotein (VLDL). Your blood also contains another type of cholesterol linked to an <u>increased risk of</u> <u>cardiovascular disease</u> called <u>VLDL</u>. Your VLDL levels are not used to determine treatment for elevated cholesterol.

Total cholesterol. This is the total amount of <u>cholesterol</u> in your blood. It's the sum of your LDL, HDL, and VLDL cholesterol. If your cholesterol numbers are outside of the normal range, you may be at a higher risk of heart disease, stroke, and atherosclerosis.
 Your doctor will consider other factors, such as your family history, weight, and exercise levels, to determine your risk.

If your test results are abnormal, your doctor may order a <u>blood glucose test</u> to check for diabetes. They might also order a <u>thyroid function</u> <u>test</u> to determine if your thyroid is underactive.

END OF REPORT

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CIN No : L85320DL2017PLC321605





Reg. ID	: 257043	Panel Company : MEDIWHEEL
Name of Patient	: MR. YOGINDER DESWAL	Lab Request ID : 00230840065
Age/Gender	: 40 years / Male	Sample Collection Date : Mar 25, 2023, 11:59 a.m.
Refd by Dr.	: MEDIWHEEL	Sample Acknowledgment Date : Mar 25, 2023, 11:59 a.m.
Sample Type	: SERUM	<b>Test Reported On</b> : Mar 25, 2023, 03:26 p.m.

Test Description	Value	Unit	Biological Ref Interval
	Liver Function Te	st (LFT)*	
Mediwheel metro full body health check up below 40 Male			
BILIRUBIN TOTAL	0.7	mg/dL	0.3 - 1.2
Method : DIAZO			
BIL DIRECT	0.1	mg/dL	< 0.2
Method : DIAZO			
BIL INDIRECT	0.6		0.4-1.1
Method : CALCULATED			
AST/SGOT	31	µ/L	< 50
Method : UV WITHOUT P5P			
ALT/SGPT	22	µ/L	< 50
Method : UV WITHOUT P5P			
ALKALINE PHOSPHATE	67	IU/L	30-120
Method : PNPP, AMP BUFFER			
TOTAL PROTEIN	8.1	g/dL	6.6 - 8.3
Method : BIURET			
ALBUMIN	4.8	g/DL	3.5 - 5.2
Method : BCG			
GLOBULIN	3.3	g/dl	2.0-3.5
Method : Calculated			
A/G RATIO	1.45		0.9-2.5
Method : Calculated			
GGT	10	µ/L	< 55
Method : Glutamyl carboxy nitroanilide Glycylglycine			

#### \*\*END OF REPORT\*\*

If tests results are alarming/unexpected, client is advised to contact the Lab immediately for possible remedial actions

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CIN No : L85320DL2017PLC321605



# 

Reg. ID Name of Patient Age/Gender Refd by Dr. Sample Type	: 257043 : MR. YOGINDER DESWAL : 40 years / Male : MEDIWHEEL : SERUM		Panel Company : MEDIV Lab Request ID : 002308 Sample Collection Date : Sample Acknowledgmen Test Reported On : Mar 2	40065 Mar 25, 2023, 11:59 a.m. <b>t Date</b> : Mar 25, 2023, 11:59 a.m.
Test Description		Value	Unit	<b>Biological Ref Interval</b>
	<u> H</u>	Kidney Funct	ion Test (KFT)*	
Mediwheel metro f	ull body health check up below 40	Male		
Urea		19	mg/DL	17 - 43
Method : UREASE-UV				
Creatinine		0.81	mg/DL	0.67 - 1.17
Method : ALKALINE P	ICRATE KINETIC			
URIC ACID		4.9	mg/DL	3.5 - 7.2
Method : URICASE CA	LORIMETRIC			
Blood Urea Nitroge	n (Bun)	8.88	mg/dl	6-20
Method : Calculated				
SODIUM		139	mEq/l	136 - 146
Method : ISE INDIREC	Г			
POTASIUM		5.2 ▲	mEq/l	3.5 - 5.1
Method : ISE INDIREC	Г			
CHLORIDE		102	mEq/l	101 - 109
Method : ISE INDIREC	Г			
CALCIUM		10.5	mg/dL	8.82-10.6
Method : Aresnazo III				
INORGANIC PHO	SPHORUS	3.3	mg/dL	2.5-4.5
Method : Phosphomolyp	date reduction			
Comments		-		

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END OF REPORT



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CIN No : L85320DL2017PLC321605

# 

Reg. ID	: 257043	Panel Company : MEDIWHEEL
Name of Patient	: MR. YOGINDER DESWAL	Lab Request ID : R230840065
Age/Gender	: 40 years / Male	Sample Collection Date : Mar 25, 2023, 11:59 a.m.
Refd by Dr.	: MEDIWHEEL	Sample Acknowledgment Date : Mar 25, 2023, 11:59 a.m.
Sample Type	: RADIO	<b>Test Reported On</b> : Mar 27, 2023, 11:54 a.m.

### X-ray Chest P.A\*

Mediwheel metro full body health check up below 40 Male

#### **OBSERVATIONS:**

- Trachea is central.
- Both hila are normal.
- Both the lung fields are clear. No focal lesion seen.
- Both domes of diaphragm and CP angles are normal.
- Heart and mediastinal silhouette is normal.

**IMPRESSION:** Normal Study.

Please correlate clinically.

END OF REPORT

Dr.Rounak Rajendra Bagga MD Radiologist

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CIN No : L85320DL2017PLC321605

Reg. ID	: 257043	Panel Company : MEDIWHEEL
Name of Patient	: MR. YOGINDER DESWAL	Lab Request ID : R230840065
Age/Gender	: 40 years / Male	Sample Collection Date : Mar 25, 2023, 11:59 a.m.
Refd by Dr.	: MEDIWHEEL	Sample Acknowledgment Date : Mar 25, 2023, 11:59 a.m.
Sample Type	: RADIO	Test Reported On : Mar 27, 2023, 03:41 p.m.

#### Male Ultrasound Whole Abdomen\*

Mediwheel metro full body health check up below 40 Male

Liver measures 14.3 cm in the craniocaudal axis, outline smooth with homogenous echotexture but reflective suggestive of fatty change grade I. No obvious focal parenchymal lesion seen no extra or intra hepatic billiary dilatation is noted . Hepatic veins drain normally in to IVC . Portal vein is normal and in course and caliber.

Gall bladder is distended. No intra luminal calculus is seen. Gall bladder wall is normal in thickness Common bile duct is normal in caliber and lumen is clear.

Pancreas is normal in size & outline Echotexture is homogenous. No evidence of any focal lesion or calcification is seen. Pancreatic duct is not dilated.

Spleen measures 10.1 cm normal in outline and echotexture. No focal lesion calcification is seen.

Right kidney measures 104 X 39 mm, corticomedullary differentiation is maintained. cortical echotexture is homogenous No mass lesion, calculus or hydronephrosis is seen.

Left kidney measures 117 X 46 mm, corticomedullary differentiation is maintained. cortical echotexture is homogenous No mass lesion, or hydronephrosis is seen .A concretion measuring 2.3 mm is seen at the mid pole.

Urinary bladder is distended. wall thickness is normal ,no calculus or mass seen. pre void volume is 98 cc and pos void residue is 6 cc.

#### Prostate is normal in size, shape and echotexture. No focal lesion is seen.

No significant gastric or small bowel lesion is seen.

No significant retroperitoneal lymph adenopathy . No peritoneal fluid seen.

# Impression: Grade I fatty Liver

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CIN No : L85320DL2017PLC321605

# 

Reg. ID	: 257043	Panel Company : MEDIWHEEL
Name of Patient	: MR. YOGINDER DESWAL	Lab Request ID : R230840065
Age/Gender	: 40 years / Male	Sample Collection Date : Mar 25, 2023, 11:59 a.m.
Refd by Dr.	: MEDIWHEEL	Sample Acknowledgment Date : Mar 25, 2023, 11:59 a.m.
Sample Type	: RADIO	Test Reported On : Mar 27, 2023, 03:41 p.m.

Please correlate clinically & with other investigations. This report is for diagnostic use only and is not valid for medicolegal purposes. We are open for reconsideration of the report if required/suggested by treating doctor.

END OF REPORT

D

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CIN No : L85320DL2017PLC321605



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Sample Acknowledgment Date : Mar 25, 2023, 11:59 a.m.	
a.m.	
Panel Company : MEDIWHEEL Lab Request ID : 00230840065 Sample Collection Date : Mar 25, 2023, 11:59 a.m.	

#### TOTAL PSA\*

Mediwheel metro full body health check up below 40 Male

TOTAL PSA	0.79	ng/ml	< 4
Method : ENHANCED CHEMILUMINESCENCE			

#### SUMMARY

PSA is localized in the cytoplasm of prostatic ductal epithelium and in secretions of the ductal lumina. Because PSA is a secretory protein of the prostate, it can be recovered and purified both from prostatic tissue and from seminal plasma. PSA has been found to be primarily associated with prostate tissue, and elevated serum PSA has been found in patients with prostate cancer, benign prostatic hypertrophy, and inflammatory conditions.

Serum PSA alone is not suitable as a screen for prostate cancer because elevated PSA concentrations are also observed in patients with benign prostatic hypertrophy (BPH), nor is it recommended as a guide in disease staging. The combination of PSA measurement and reactal examination with ultrasonography in the event of abnormal findings may provide a better method of detecting prostate cancer than rectal examination alone.PSA determinations can be useful in detecting metastatic or persistent disease in patients following surgical or medical treatment of prostate cancer.

ALD

Dr. A. LALCHANDANI M.D. (Pathology)

END OF REPORT

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CIN No : L85320DL2017PLC321605

Name: Mr . YOGINDER DESWAL Reff:

Age/Sex : 40Y/M Date: 25/03/2023

#### Transthoracic Echo-Doppler Report M-Mode/2-D Description:

Left Ventricle: It Boderline LVH. There is no regional wall motion abnormality. Global LVEF is 60%. Left Atrium: It is normal size. Right Atrium: It is normal size. Right Ventricle: It is normal size. RV systolic function is normal. Aortic Valve: Aortic cusps are normal. <u>Mitral Valve:</u> It opens normally. Subvalvular apparatus appears normal. <u>Tricuspid valve:</u> It appears normal. <u>Pulmonary Valve:</u> It appears normal. <u>Main Pulmonary artery & its branches:</u> Appear normal. No intracardiac clot/mass/veg. <u>Pericardium:</u> There is no pericardial effusion. IAS & IVS: Intact.

### 2-D/ M-Mode Measurements (mm):

	Observed Values	Normal Values
Aortic root diameter	26.4	20-36 (mm/M <sup>2</sup> )
Aortic Valve Opening		15-26
Left Atrium size	34.4	.19-40

-	End Diastole	End Systole	Normal Values
Left Ventricle Size	40	24	(ED= 37-56; ES=22-40)
Interventricular Septum	10.5	12	(ED= 6-12)
Posterior Wall Thickness	10	11	(ED= 5-10)
LV Ejection Fraction (%)	60%	1. I.	55%-80%



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andanipathlab.com L85320DL2017PLC321605

> Aortic Valve (Cm / **Pulmonary Valve** Sec.) (Cm / Sec.) . 7 **Max Velocity** 112 Max Velocity 101 **Mean Velocity** Max PG 4.1 5.1 Max PG Mean PG Mean PG **Tricuspid Valve Mitral Valve Mitral Valve** (Cm / Sec.) (Cm / Sec.) (Cm / Sec.) **Max Velocity** E -53 **Max Velocity** Mean Velocity A -87 **Mean Velocity** Max PG 20 DT -Max PG Mean PG Mean PG PHT -

# **Doppler Velocities:**

Mr. YOGINDER DESWAL

Regurgitation		-	and the second
	MR		TR
Severity	Nil	Severity	Trace
Max Velocity		Max Velocity	and the second
Mean Velocity		Max Gradient	A Martin Contraction
	AR		PR
Severity	Nil	Severity	Nil
ED Velocity		PADP	
РНТ		Mean PAP	1200-111 - 100

Final Interpretation Study done at heart rate 78 BPM No regional wall motion abnormality. Global LVEF= 60%. Normal cardiac chambers dimensions Grade 1 diastolic dysfunction. **Boderline LVH** No MR. Trace TR (RVSP=20+ RAP). RV systolic function is normal. No intra cardiac clot/mass/veg./pericardial effusion. IVC normal with >50% respiratory variation

Dr. Saurabh Bassa

# DrLalchandani

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### Dr. LALCHANDANI LABS, PB

Dr Lalchandani Cabs

Age / Gender:40/MalePatient ID:4567

Date and Time: 25th Mar 23 9:58 AM

