



# CHANDAN DIAGNOSTIC CENTRE

Add: Opp. Vishal Megamart, Nainital Road, Haldwani  
Ph: ,9235400975  
CIN : U85110DL2003PLC308206



Patient Name	: Mr.MADAN SINGH HARARIYA	Registered On	: 09/Mar/2024 08:29:29
Age/Gender	: 47 Y O M O D /M	Collected	: 09/Mar/2024 09:00:56
UHID/MR NO	: CHLD.0000104320	Received	: 09/Mar/2024 09:39:19
Visit ID	: CHLD0192642324	Reported	: 09/Mar/2024 12:58:23
Ref Doctor	: Dr.MEDIWHEEL ARCOFEMI HEALTH CARE LTD HLD -	Status	: Final Report

## DEPARTMENT OF HAEMATOLOGY

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
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#### Blood Group (ABO & Rh typing) \* , Blood

Blood Group	B			ERYTHROCYTE MAGNETIZED TECHNOLOGY / TUBE AGGLUTINA
Rh ( Anti-D)	POSITIVE			ERYTHROCYTE MAGNETIZED TECHNOLOGY / TUBE AGGLUTINA

#### Complete Blood Count (CBC) \* , Whole Blood

Haemoglobin	13.20	g/dl	1 Day- 14.5-22.5 g/dl 1 Wk- 13.5-19.5 g/dl 1 Mo- 10.0-18.0 g/dl 3-6 Mo- 9.5-13.5 g/dl 0.5-2 Yr- 10.5-13.5 g/dl 2-6 Yr- 11.5-15.5 g/dl 6-12 Yr- 11.5-15.5 g/dl 12-18 Yr 13.0-16.0 g/dl Male- 13.5-17.5 g/dl Female- 12.0-15.5 g/dl	
TLC (WBC)	5,200.00	/Cu mm	4000-10000	ELECTRONIC IMPEDANCE
<b>DLC</b>				
Polymorphs (Neutrophils)	57.00	%	55-70	ELECTRONIC IMPEDANCE
Lymphocytes	37.00	%	25-40	ELECTRONIC IMPEDANCE
Monocytes	2.00	%	3-5	ELECTRONIC IMPEDANCE
Eosinophils	4.00	%	1-6	ELECTRONIC IMPEDANCE
Basophils	0.00	%	<1	ELECTRONIC IMPEDANCE
<b>ESR</b>				
Observed	8.00	Mm for 1st hr.		
Corrected	2.00	Mm for 1st hr.	<9	
PCV (HCT)	42.00	%	40-54	
<b>Platelet count</b>				
Platelet Count	1.10	LACS/cu mm	1.5-4.0	ELECTRONIC IMPEDANCE/MICROSCOPIC
PDW (Platelet Distribution width)	16.40	fL	9-17	ELECTRONIC IMPEDANCE
P-LCR (Platelet Large Cell Ratio)	61.20	%	35-60	ELECTRONIC IMPEDANCE





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Test Name	Result	Unit	Bio. Ref. Interval	Method
PCT (Platelet Hematocrit)	0.16	%	0.108-0.282	ELECTRONIC IMPEDANCE
MPV (Mean Platelet Volume)	<b>15.30</b>	fL	6.5-12.0	ELECTRONIC IMPEDANCE
<b>RBC Count</b>				
RBC Count	4.46	Mill./cu mm	4.2-5.5	ELECTRONIC IMPEDANCE
<b>Blood Indices (MCV, MCH, MCHC)</b>				
MCV	91.40	fL	80-100	CALCULATED PARAMETER
MCH	29.50	pg	28-35	CALCULATED PARAMETER
MCHC	32.30	%	30-38	CALCULATED PARAMETER
RDW-CV	12.30	%	11-16	ELECTRONIC IMPEDANCE
RDW-SD	42.30	fL	35-60	ELECTRONIC IMPEDANCE
Absolute Neutrophils Count	<b>2,964.00</b>	/cu mm	3000-7000	
Absolute Eosinophils Count (AEC)	208.00	/cu mm	40-440	

  
**Dr Vinod Ojha**  
MD Pathologist





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## DEPARTMENT OF BIOCHEMISTRY

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
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#### GLUCOSE FASTING , Plasma

Glucose Fasting	94.80	mg/dl	< 100 Normal 100-125 Pre-diabetes ≥ 126 Diabetes	GOD POD
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#### Interpretation:

- Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions.
- A negative test result only shows that the person does not have diabetes at the time of testing. It does not mean that the person will never get diabetes in future, which is why an Annual Health Check up is essential.
- I.G.T = Impaired Glucose Tolerance.



  
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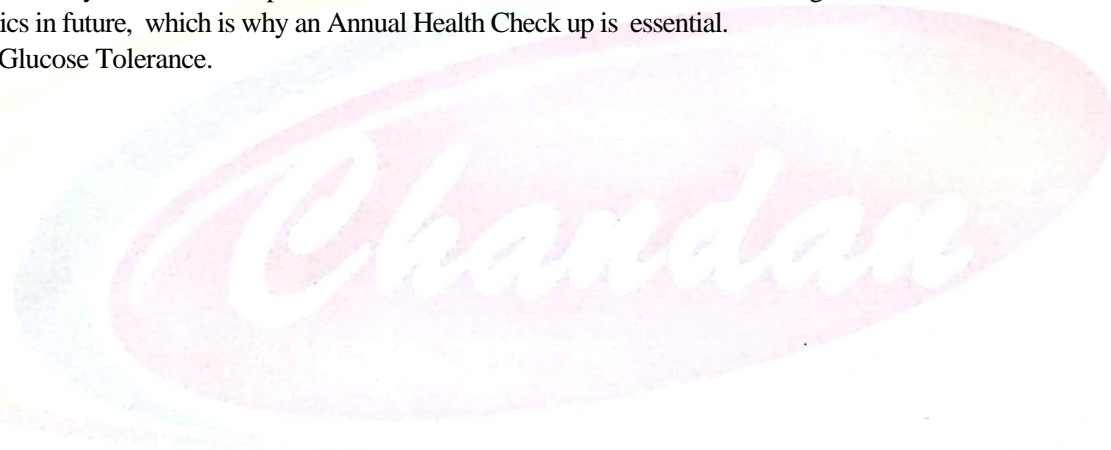
## DEPARTMENT OF BIOCHEMISTRY

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
Glucose PP <i>Sample: Plasma After Meal</i>	162.40	mg/dl	<140 Normal 140-199 Pre-diabetes >200 Diabetes	GOD POD

#### Interpretation:

- Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions.
- A negative test result only shows that the person does not have diabetes at the time of testing. It does not mean that the person will never get diabetes in future, which is why an Annual Health Check up is essential.
- I.G.T = Impaired Glucose Tolerance.



Dr.Pankaj Punetha DNB(Pathology)





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## DEPARTMENT OF BIOCHEMISTRY

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
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#### GLYCOSYLATED HAEMOGLOBIN (HbA1C) \* , EDTA BLOOD

Glycosylated Haemoglobin (HbA1c)	5.80	% NGSP		HPLC (NGSP)
Glycosylated Haemoglobin (HbA1c)	40.10	mmol/mol/IFCC		
Estimated Average Glucose (eAG)	120	mg/dl		

#### Interpretation:

##### NOTE:-

- eAG is directly related to A1c.
- An A1c of 7% -the goal for most people with diabetes-is the equivalent of an eAG of 154 mg/dl.
- eAG may help facilitate a better understanding of actual daily control helping you and your health care provider to make necessary changes to your diet and physical activity to improve overall diabetes management.

The following ranges may be used for interpretation of results. However, factors such as duration of diabetes, adherence to therapy and the age of the patient should also be considered in assessing the degree of blood glucose control.

Haemoglobin A1C (%)NGSP	mmol/mol / IFCC Unit	eAG (mg/dl)	Degree of Glucose Control Unit
> 8	>63.9	>183	Action Suggested*
7-8	53.0 -63.9	154-183	Fair Control
< 7	<63.9	<154	Goal**
6-7	42.1 -63.9	126-154	Near-normal glycemia
< 6%	<42.1	<126	Non-diabetic level

\*High risk of developing long term complications such as Retinopathy, Nephropathy, Neuropathy, Cardiopathy, etc.

\*\*Some danger of hypoglycemic reaction in Type 1diabetics. Some glucose intolerant individuals and "subclinical" diabetics may demonstrate HbA1C levels in this area.

N.B. : Test carried out on Automated VARIANT II TURBO HPLC Analyser.

#### Clinical Implications:

\*Values are frequently increased in persons with poorly controlled or newly diagnosed diabetes.

\*With optimal control, the HbA 1c moves toward normal levels.

\*A diabetic patient who recently comes under good control may still show higher concentrations of glycosylated hemoglobin. This level declines gradually over several months as nearly normal glycosylated \*Increases in glycosylated hemoglobin occur in the following non-diabetic conditions: a. Iron-deficiency anemia b. Splenectomy





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## DEPARTMENT OF BIOCHEMISTRY

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
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c. Alcohol toxicity d. Lead toxicity

\*Decreases in A 1c occur in the following non-diabetic conditions: a. Hemolytic anemia b. chronic blood loss

\*Pregnancy d. chronic renal failure. Interfering Factors:

\*Presence of Hb F and H causes falsely elevated values. 2. Presence of Hb S, C, E, D, G, and Lepore (autosomal recessive mutation resulting in a hemoglobinopathy) causes falsely decreased values.

<b>BUN (Blood Urea Nitrogen)</b> Sample:Serum	10.15	mg/dL	7.0-23.0	CALCULATED
<b>Creatinine</b> Sample:Serum	1.05	mg/dl	0.6-1.30	MODIFIED JAFFES
<b>Uric Acid</b> Sample:Serum	4.84	mg/dl	3.4-7.0	URICASE
<b>LFT (WITH GAMMA GT) * , Serum</b>				
SGOT / Aspartate Aminotransferase (AST)	22.25	U/L	< 35	IFCC WITHOUT P5P
SGPT / Alanine Aminotransferase (ALT)	38.99	U/L	< 40	IFCC WITHOUT P5P
Gamma GT (GGT)	35.67	IU/L	11-50	OPTIMIZED SZAZING
Protein	6.38	gm/dl	6.2-8.0	BIURET
Albumin	3.76	gm/dl	3.4-5.4	B.C.G.
Globulin	2.62	gm/dl	1.8-3.6	CALCULATED
A:G Ratio	1.44		1.1-2.0	CALCULATED
Alkaline Phosphatase (Total)	112.01	U/L	42.0-165.0	IFCC METHOD
Bilirubin (Total)	0.31	mg/dl	0.3-1.2	JENDRASSIK & GROF
Bilirubin (Direct)	0.18	mg/dl	< 0.30	JENDRASSIK & GROF
Bilirubin (Indirect)	0.13	mg/dl	< 0.8	JENDRASSIK & GROF

### LIPID PROFILE ( MINI ) , Serum

Cholesterol (Total)	195.91	mg/dl	<200 Desirable 200-239 Borderline High > 240 High	CHOD-PAP
HDL Cholesterol (Good Cholesterol)	67.59	mg/dl	30-70	DIRECT ENZYMATIC
LDL Cholesterol (Bad Cholesterol)	99	mg/dl	< 100 Optimal 100-129 Nr. Optimal/Above Optimal 130-159 Borderline High 160-189 High > 190 Very High	CALCULATED
VLDL Triglycerides	29.24 146.19	mg/dl	10-33 < 150 Normal	CALCULATED GPO-PAP





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Test Name	Result	Unit	Bio. Ref. Interval	Method
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150-199 Borderline High  
200-499 High  
>500 Very High



  
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## DEPARTMENT OF CLINICAL PATHOLOGY

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

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#### URINE EXAMINATION, ROUTINE \* , Urine

Color	PALE YELLOW			
Specific Gravity	1.010			
Reaction PH	Acidic ( 6.0)			DIPSTICK
Appearance	CLEAR			
Protein	ABSENT	mg %	< 10 Absent 10-40 (+) 40-200 (++) 200-500 (+++) > 500 (++++)	DIPSTICK
Sugar	ABSENT	gms%	< 0.5 (+) 0.5-1.0 (++) 1-2 (+++) > 2 (++++)	DIPSTICK
Ketone	ABSENT	mg/dl	0.1-3.0	BIOCHEMISTRY
Bile Salts	ABSENT			
Bile Pigments	ABSENT			
Bilirubin	ABSENT			DIPSTICK
Leucocyte Esterase	ABSENT			DIPSTICK
Urobilinogen(1:20 dilution)	ABSENT			
Nitrite	ABSENT			DIPSTICK
Blood	ABSENT			DIPSTICK
<b>Microscopic Examination:</b>				
Epithelial cells	1-2/h.p.f			MICROSCOPIC EXAMINATION
Pus cells	0-1/h.p.f			
RBCs	ABSENT			MICROSCOPIC EXAMINATION
Cast	ABSENT			
Crystals	ABSENT			MICROSCOPIC EXAMINATION
Others	ABSENT			

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UHID/MR NO	: CHLD.0000104320	Received	: 10/Mar/2024 10:04:07
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## DEPARTMENT OF CLINICAL PATHOLOGY

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#### STOOL, ROUTINE EXAMINATION \* , Stool

Color	BROWNISH
Consistency	SEMI SOLID
Reaction (PH)	Acidic ( 5.0 )
Mucus	ABSENT
Blood	ABSENT
Worm	ABSENT
Pus cells	2-3/h.p.f
RBCs	ABSENT
Ova	ABSENT
Cysts	ABSENT
Others	ABSENT

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## DEPARTMENT OF CLINICAL PATHOLOGY

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

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#### SUGAR, FASTING STAGE \* , Urine

Sugar, Fasting stage ABSENT gms%

#### Interpretation:

- (+) < 0.5
- (++) 0.5-1.0
- (+++) 1-2
- (++++) > 2

#### SUGAR, PP STAGE \* , Urine

Sugar, PP Stage ABSENT

#### Interpretation:

- (+) < 0.5 gms%
- (++) 0.5-1.0 gms%
- (+++) 1-2 gms%
- (++++) > 2 gms%

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## DEPARTMENT OF IMMUNOLOGY

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
PSA (Prostate Specific Antigen), Total * <i>Sample:Serum</i>	0.40	ng/mL	<4.1	CLIA

#### Interpretation:

1. PSA is detected in the serum of males with normal, benign hypertrophic, and malignant prostate tissue.
2. Measurement of serum PSA levels is not recommended as a screening procedure for the diagnosis of cancer because elevated PSA levels also are observed in patients with benign prostatic hypertrophy. However, studies suggest that the measurement of PSA in conjunction with digital rectal examination (DRE) and ultrasound provide a better method of detecting prostate cancer than DRE alone.
3. PSA levels increase in men with cancer of the prostate, and after radical prostatectomy PSA levels routinely fall to the undetectable range.
4. If prostatic tissue remains after surgery or metastasis has occurred, PSA appears to be useful in detecting residual and early recurrence of tumor.
5. Therefore, serial PSA levels can help determine the success of prostatectomy, and the need for further treatment, such as radiation, endocrine or chemotherapy, and in the monitoring of the effectiveness of therapy.

#### THYROID PROFILE - TOTAL \* , Serum

T3, Total (tri-iodothyronine)	93.00	ng/dl	84.61-201.7	CLIA
T4, Total (Thyroxine)	7.40	ug/dl	3.2-12.6	CLIA
TSH (Thyroid Stimulating Hormone)	1.100	µIU/mL	0.27 - 5.5	CLIA

#### Interpretation:

0.3-4.5	µIU/mL	First Trimester
0.5-4.6	µIU/mL	Second Trimester
0.8-5.2	µIU/mL	Third Trimester
0.5-8.9	µIU/mL	Adults 55-87 Years
0.7-27	µIU/mL	Premature 28-36 Week
2.3-13.2	µIU/mL	Cord Blood > 37Week
0.7-64	µIU/mL	Child(21 wk - 20 Yrs.)
1-39	µIU/mL	Child 0-4 Days
1.7-9.1	µIU/mL	Child 2-20 Week

1) Patients having low T3 and T4 levels but high TSH levels suffer from primary hypothyroidism, cretinism, juvenile myxedema or autoimmune disorders.





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- 2) Patients having high T3 and T4 levels but low TSH levels suffer from Grave's disease, toxic adenoma or sub-acute thyroiditis.
- 3) Patients having either low or normal T3 and T4 levels but low TSH values suffer from iodine deficiency or secondary hypothyroidism.
- 4) Patients having high T3 and T4 levels but normal TSH levels may suffer from toxic multinodular goiter. This condition is mostly a symptomatic and may cause transient hyperthyroidism but no persistent symptoms.
- 5) Patients with high or normal T3 and T4 levels and low or normal TSH levels suffer either from T3 toxicosis or T4 toxicosis respectively.
- 6) In patients with non thyroidal illness abnormal test results are not necessarily indicative of thyroidism but may be due to adaptation to the catabolic state and may revert to normal when the patient recovers.
- 7) There are many drugs for eg. Glucocorticoids, Dopamine, Lithium, Iodides, Oral radiographic dyes, etc. which may affect the thyroid function tests.
- 8) Generally when total T3 and total T4 results are indecisive then Free T3 and Free T4 tests are recommended for further confirmation along with TSH levels.

  
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MD Pathologist





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## DEPARTMENT OF X-RAY

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

#### X-RAY DIGITAL CHEST PA \*\*

#### (500 mA COMPUTERISED UNIT SPOT FILM DEVICE)

#### DIGITAL CHEST P-A VIEW:-

- Bilateral lung fields appear grossly unremarkable.
- Diaphragmatic shadows are normal on both sides.
- Costo-phrenic angles are bilaterally clear.
- Trachea is central in position.
- Cardiac size & contours are normal.
- Bilateral hilar shadows are normal.
- Pulmonary vascularity & distribution are normal.
- Soft tissue shadow appears normal.

#### IMPRESSION:-

**No significant abnormality is seen.**

#### Adv:-Clinico-pathological correlation.

  
DR AZIM ILYAS  
(MD.RADIODIAGNOSIS)





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UHID/MR NO	: CHLD.0000104320	Received	: N/A
Visit ID	: CHLD0192642324	Reported	: 09/Mar/2024 13:45:22
Ref Doctor	: Dr.MEDIWHEEL ARCOFEMI HEALTH CARE LTD HLD -	Status	: Final Report

## DEPARTMENT OF ULTRASOUND

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

#### ULTRASOUND WHOLE ABDOMEN (UPPER & LOWER) \*\*

#### WHOLE ABDOMEN ULTRASONOGRAPHY REPORT

##### LIVER

- The liver is normal in size (~12.8cms) and **its echogenicity is homogeneously increased**. No focal lesion is seen. (Note: - Small isoechoic focal lesion cannot be ruled out).

##### PORTAL SYSTEM

- The intra hepatic portal channels are normal.
- Portal vein is not dilated.
- Porta hepatis is normal.

##### BILIARY SYSTEM

- The intra-hepatic biliary radicles are normal.
- Common bile duct is not dilated.
- The gall bladder is normal in size and has regular walls. Lumen of the gall bladder is anechoic.

##### PANCREAS

- The pancreas is normal in size and shape and has a normal homogenous echotexture. Pancreatic duct is not dilated.

##### KIDNEYS (Note- CT is more sensitive to detect renal calculi).

- **Right kidney:-**
  - Right kidney is normal in size.
  - Cortical echogenicity is normal.
  - Pelvicalyceal system is not dilated.
  - Cortico-medullary demarcation is maintained.
  - Parenchymal thickness appear normal.
- **Left kidney:-**
  - Left kidney is normal in size.
  - Cortical echogenicity is normal.
  - Pelvicalyceal system is not dilated.
  - Cortico-medullary demarcation is maintained.
  - Parenchymal thickness appear normal.

##### SPLEEN

- The spleen is normal in size (~10 cms) and has a normal homogenous echo-texture.





# CHANDAN DIAGNOSTIC CENTRE

Add: Opp. Vishal Megamart, Nainital Road, Haldwani  
Ph: ,9235400975  
CIN : U85110DL2003PLC308206



Patient Name	: Mr.MADAN SINGH HARARIYA	Registered On	: 09/Mar/2024 08:29:31
Age/Gender	: 47 Y O M O D /M	Collected	: N/A
UHID/MR NO	: CHLD.0000104320	Received	: N/A
Visit ID	: CHLD0192642324	Reported	: 09/Mar/2024 13:45:22
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## DEPARTMENT OF ULTRASOUND

### MEDIWHEEL BANK OF BARODA MALE ABOVE 40 YRS

#### ILIAC FOSSAE & PERITONEUM

- Scan over the iliac fossae does not reveal any fluid collection or large mass.
- No free fluid is noted in peritoneal cavity.

#### URETERS

- The upper parts of both the ureters are normal.
- Bilateral vesicoureteric junctions are normal.

#### URINARY BLADDER

- The urinary bladder is normal. Bladder wall is normal in thickness and is regular.

#### PROSTATE

- The prostate gland is normal in size (~11.6cc in volume) and normal in echotexture with smooth outline. No median lobe indentation is seen.

#### **FINAL IMPRESSION:-**

- ***Grade I fatty liver.***

***Lipoma of size measuring ~2.2x1.2cms is seen in cutaneous planes of epigastric region.***

Adv : Clinico-pathological & CT Abdomen correlation for further evaluation.

#### **Note:-**

- **In case of any typing error, patient is requested to immediately inform to the doctor (radiologist), as the report is digitally signed.**
- **Discrepancy of laterality/side can be seen in 0.08% cases therefore review is advised before any operative procedure.**
- **This report is not for medico legal purpose as the patient identity is not confirmed.**

\*\*\* End Of Report \*\*\*

(\*\*) Test Performed at CHANDAN DIAGNOSTIC CENTRE, HALDWANI-2



Re Mill Test (TMT)  
EG

DR AZIM ILYAS  
(MD RADIO DIAGNOSIS)

This report is not for medico legal purpose. If clinical correlation is not established, kindly repeat the test at no additional cost within seven days.

Facilities: Pathology, Bedside Sample Collection, Health Check-ups, Digital X-Ray, ECG (Bedside also), Allergy Testing, Test And Health Check-ups, Ultrasonography, Sonomammography, Bone Mineral Density (BMD), Doppler Studies, 2D Echo, CT Scan, MRI, Blood Bank, TMT, EEG, PFT, OPG, Endoscopy, Digital Mammography, Electromyography (EMG), Nerve Condition Velocity (NCV), Audiometry, Brainstem Evoked Response Audiometry (BERA), Colonoscopy, Ambulance Services, Online Booking Facilities for Diagnostics, Online Report Viewing \*  
365 Days Open \*Facilities Available at Select Location

