CHANDAN DIAGNOSTIC CENTRE

Add: B 1/2, Sector J, Near Sangam Chauraha, Lda Stadium Road,Aliganj
Ph: 9235432681,
CIN : U85110DL2003PLC308206

Patient Name	: Mr.KULDEEP SHARMA	Registered On	: 09/Jul/2023 13:48:22
Age/Gender	: 29 Y 0 M 3 D /M	Collected	: 10/Jul/2023 10:26:32
UHID/MR NO	: CALI.0000045463	Received	: 10/Jul/2023 12:50:45
Visit ID	: CALI0068282324	Reported	: 10/Jul/2023 16:00:18
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd. -	Status	: Final Report

DEPARTMENT OF HAEMATOLOGY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
Blood Group (ABO & Rh typing) ** , *Blood*				
Blood Group	A			
Rh (Anti-D)	POSITIVE			
Complete Blood Count (CBC) ** , *Whole Blood*				
Haemoglobin	12.80	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)	7,600.00	/Cu mm	4000-10000	ELECTRONIC IMPEDANCE
DLC				
Polymorphs (Neutrophils)	**43.00**	%	55-70	ELECTRONIC IMPEDANCE
Lymphocytes	**50.00**	%	25-40	ELECTRONIC IMPEDANCE
Monocytes	5.00	%	3-5	ELECTRONIC IMPEDANCE
Eosinophils	2.00	%	1-6	ELECTRONIC IMPEDANCE
Basophils	0.00	%	< 1	ELECTRONIC IMPEDANCE
ESR				
Observed	16.00	Mm for 1st hr.		
Corrected	**10.00**	Mm for 1st hr.	< 9	
PCV (HCT)	**38.00**	%	40-54	
Platelet count				
Platelet Count	1.53	LACS/cu mm	1.5-4.0	ELECTRONIC IMPEDANCE/MICROSCOPIC
PDW (Platelet Distribution width)	**22.20**	fL	9-17	ELECTRONIC IMPEDANCE
P-LCR (Platelet Large Cell Ratio)	50.60	%	35-60	ELECTRONIC IMPEDANCE
PCT (Platelet Hematocrit)	0.16	%	0.108-0.282	ELECTRONIC IMPEDANCE
MPV (Mean Platelet Volume)	**13.40**	fL	6.5-12.0	ELECTRONIC IMPEDANCE
RBC Count				
RBC Count	**3.91**	Mill./cu mm	4.2-5.5	ELECTRONIC IMPEDANCE
Blood Indices (MCV, MCH, MCHC)				

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DEPARTMENT OF HAEMATOLOGY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
MCV	**106.70**	fl	80-100	CALCULATED PARAMETER
MCH	32.90	pg	28-35	CALCULATED PARAMETER
MCHC	30.80	%	30-38	CALCULATED PARAMETER
RDW-CV	16.00	%	11-16	ELECTRONIC IMPEDANCE
RDW-SD	**61.50**	fL	35-60	ELECTRONIC IMPEDANCE
Absolute Neutrophils Count	3,268.00	/cu mm	3000-7000	
Absolute Eosinophils Count (AEC)	152.00	/cu mm	40-440	

Dr. Surbhi Lahoti (M.D. Pathology)

CHANDAN DIAGNOSTIC CENTRE

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UHID/MR NO	: CALI.0000045463	Received	: 10/Jul/2023 12:19:24
Visit ID	: CALI0068282324	Reported	: 10/Jul/2023 13:08:45
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DEPARTMENT OF BIOCHEMISTRY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
GLUCOSE FASTING ** , *Plasma*				
Glucose Fasting	102.80	mg/dl	< 100 Normal 100-125 Pre-diabetes ≥ 126 Diabetes	GOD POD

Interpretation:

a) Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions.
b) 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 diabetics in future, which is why an Annual Health Check up is essential.
c) I.G.T = Impared Glucose Tolerance.

Glucose PP ** *Sample:Plasma After Meal*	112.00	mg/dl	<140 Normal 140-199 Pre-diabetes >200 Diabetes	GOD POD

Interpretation:

a) Kindly correlate clinically with intake of hypoglycemic agents, drug dosage variations and other drug interactions.
b) 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 diabetics in future, which is why an Annual Health Check up is essential.
c) I.G.T = Impared Glucose Tolerance.

GLYCOSYLATED HAEMOGLOBIN (HBA1C) ** , *EDTA BLOOD*			
Glycosylated Haemoglobin (HbA1c)	4.80	% NGSP	HPLC (NGSP)
Glycosylated Haemoglobin (HbA1c)	29.00	mmol/mol/IFCC	
Estimated Average Glucose (eAG)	91	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 mnagement.

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DEPARTMENT OF BIOCHEMISTRY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method

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
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.

BUN (Blood Urea Nitrogen) ** *Sample:Serum*	11.11	mg/dL	7.0-23.0	CALCULATED
Creatinine ** *Sample:Serum*	1.04	mg/dl	Serum 0.7-1.3 Spot Urine-Male- 20-275 Female-20-320	MODIFIED JAFFES
Uric Acid ** *Sample:Serum*	6.10	mg/dl	3.4-7.0	URICASE

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DEPARTMENT OF BIOCHEMISTRY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
LFT (WITH GAMMA GT) ** , *Serum*				
SGOT / Aspartate Aminotransferase (AST)	**41.30**	U/L	< 35	IFCC WITHOUT P5P
SGPT / Alanine Aminotransferase (ALT)	**85.40**	U/L	< 40	IFCC WITHOUT P5P
Gamma GT (GGT)	**57.00**	IU/L	11-50	OPTIMIZED SZAZING
Protein	7.76	gm/dl	6.2-8.0	BIURET
Albumin	4.82	gm/dl	3.4-5.4	B.C.G.
Globulin	2.94	gm/dl	1.8-3.6	CALCULATED
A:G Ratio	1.64		1.1-2.0	CALCULATED
Alkaline Phosphatase (Total)	106.00	U/L	42.0-165.0	IFCC METHOD
Bilirubin (Total)	0.60	mg/dl	0.3-1.2	JENDRASSIK & GROF
Bilirubin (Direct)	0.26	mg/dl	< 0.30	JENDRASSIK & GROF
Bilirubin (Indirect)	0.34	mg/dl	< 0.8	JENDRASSIK & GROF
LIPID PROFILE (MINI) ** , *Serum*				
Cholesterol (Total)	240.00	mg/dl	<200 Desirable 200-239 Borderline High > 240 High	CHOD-PAP
HDL Cholesterol (Good Cholesterol)	59.00	mg/dl	30-70	DIRECT ENZYMATIC
LDL Cholesterol (Bad Cholesterol)	128	mg/dl	< 100 Optimal 100-129 Nr. Optimal/Above Optimal 130-159 Borderline High 160-189 High > 190 Very High	CALCULATED
VLDL	**52.72**	mg/dl	10-33	CALCULATED
Triglycerides	**263.60**	mg/dl	< 150 Normal 150-199 Borderline High 200-499 High >500 Very High	GPO-PAP

Dr. Anupam Singh (MBBS MD Pathology)

Patient Name	: Mr.KULDEEP SHARMA	Registered On	: 09/Jul/2023 13:48:23
Age/Gender	: 29 Y 0 M 3 D /M	Collected	: 10/Jul/2023 12:15:37
UHID/MR NO	: CALI.0000045463	Received	: 10/Jul/2023 14:23:34
Visit ID	: CALI0068282324	Reported	: 10/Jul/2023 15:52:53
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd. -	Status	: Final Report

DEPARTMENT OF CLINICAL PATHOLOGY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
URINE EXAMINATION, ROUTINE ** , *Urine*				
Color	PALE YELLOW			
Specific Gravity	1.020			
Reaction PH	Acidic (5.0)			DIPSTICK
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	0.2-2.81	BIOCHEMISTRY
Bile Salts	ABSENT			
Bile Pigments	ABSENT			
Urobilinogen(1:20 dilution)	ABSENT			
Microscopic Examination:				
Epithelial cells	0-1/h.p.f			MICROSCOPIC EXAMINATION
Pus cells	OCCASIONAL			
RBCs	ABSENT			MICROSCOPIC EXAMINATION
Cast	ABSENT			
Crystals	ABSENT			MICROSCOPIC EXAMINATION
Others	ABSENT			
STOOL, ROUTINE EXAMINATION ** , *Stool*				
Color	BROWNISH			
Consistency	SEMI SOLID			
Reaction (PH)	Acidic (6.5)			
Mucus	ABSENT			
Blood	ABSENT			
Worm	ABSENT			
Pus cells	ABSENT			
RBCs	ABSENT			

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DEPARTMENT OF CLINICAL PATHOLOGY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
Ova	ABSENT			
Cysts	ABSENT			
Others	ABSENT			

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%

Dr. Surbhi Lahoti (M.D. Pathology)

CHANDAN DIAGNOSTIC CENTRE

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UHID/MR NO	: CALI.0000045463	Received	: 10/Jul/2023 12:08:14
Visit ID	: CALI0068282324	Reported	: 10/Jul/2023 13:24:30
Ref Doctor	: Dr.Mediwheel - Arcofemi Health Care Ltd. -	Status	: Final Report

DEPARTMENT OF IMMUNOLOGY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

Test Name	Result	Unit	Bio. Ref. Interval	Method
THYROID PROFILE - TOTAL ** , *Serum*				
T3, Total (tri-iodothyronine)	136.62	ng/dl	84.61–201.7	CLIA
T4, Total (Thyroxine)	9.60	ug/dl	3.2-12.6	CLIA
TSH (Thyroid Stimulating Hormone)	3.97	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.

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.

Dr. Anupam Singh (MBBS MD Pathology)

Patient Name	: Mr.KULDEEP SHARMA	Registered On	: 09/Jul/2023 13:48:24
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UHID/MR NO	: CALI.0000045463	Received	: N/A
Visit ID	: CALI0068282324	Reported	: 10/Jul/2023 12:06:40
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DEPARTMENT OF X-RAY

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

X-RAY DIGITAL CHEST PA *

(500 mA COMPUTERISED UNIT SPOT FILM DEVICE)

DIGITAL CHEST P-A VIEW

- Soft tissue shadow appears normal.
- Bony cage is normal.
- Diaphragmatic shadows are normal on both sides.
- Costo-phrenic angles are bilaterally clear.
- Trachea is central in position.
- Cardiac size & contours are normal.
- Hilar shadows are normal.
- Pulmonary vascularity & distribution are normal.
- Pulmonary parenchyma did not reveal any significant lesion.

IMPRESSION : **N O R M A L S K I A G R A M**

Dr. Anil Kumar Verma
(MBBS,DMRD)

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DEPARTMENT OF ULTRASOUND

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

ULTRASOUND WHOLE ABDOMEN (UPPER & LOWER) *

LIVER

- **Liver is mildly enlarged in size (~ approx 150 mm) with grade-I fatty changes and few areas of focal fat sparing.**
- The intra-hepatic biliary radicles are normal.
- Portal vein is normal in caliber.

GALL BLADDER & CBD

- The gall bladder is normal in size and has regular walls. Lumen of the gall bladder is anechoic. No wall thickening or pericholecystic fluid noted.
- Visualised proximal common bile duct is normal in caliber.

PANCREAS

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

KIDNEYS

- Both the kidneys are normal in size and echotexture.
- The collecting system of both the kidneys is normal and cortico-medullary demarcation is clear.

SPLEEN

- The spleen is normal in size and has a normal homogenous echo-texture.

LYMPH NODES

- No significant lymph node noted.

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DEPARTMENT OF ULTRASOUND

MEDIWHEEL BANK OF BARODA MALE & FEMALE BELOW 40 YRS

URINARY BLADDER

- Urinary bladder is well distended. Bladder wall is normal in thickness and is regular.

PROSTATE

- Prostate is normal in size & measures ~ 12 grams.

IMPRESSION

- **MILD HEPATOMEGALY WITH GRADE I FATTY CHANGES IN LIVER.**

Report prepared by- anoop

Dr. Anil Kumar Verma

MBBS, DMRD

(This report is a professional opinion & not a diagnosis. Kindly intimate us immediately or within 7 days for any reporting / typing error or any query regarding sonographic correlation of clinical findings)

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

(**) Test Performed at Chandan Speciality Lab.

Result/s to Follow:
ECG / EKG

Dr. Anil Kumar Verma
(MBBS,DMRD)