

(Serum)

Gamma GT

Szasz method

PID No. :- 202327517123286 **Name** :- Mr. ABHAY SHUKLA

 Age/Sex
 :- 32 Y / M
 Sample Received on/at :
 Reported on/at

 Ref By:
 :- ARCOFEMI HEALTHCARE LTD
 27/05/2023 9:54AM
 27/05/2023 12:07PM

Dr. Ruprela's

Diagnostics & Imagin

Ref. By. :- ARCOFEMI HEALTHCARE LTD **BIOCHEMISTRY** Investigation Unit **Biological Reference Range Observed Value BLOOD SUGAR F** 60 - 110 Glucose Fasting 108 mg/dl **BLOOD SUGAR PP** 70 - 140 Glucose PP 124 mg/dl LFT (LIVER FUNCTION TEST) 0.77 <1.0 Bilirubin (Total) mg/dL (Serum, Diazo) 0.22 0 - 0.3 Bilirubin (Direct) mg/dL (Serum, Diazo) Bilirubin (Indirect) 0.55 mg/dL **UPTO 1.0** (Serum, Calculated) U/L 5 - 37 SGOT (AST) 24 (Serum, Enzymatic) 22 U/L 10 - 40 SGPT (ALT) (Serum, Enzymatic 139 U/L 80 - 290 **Alkaline Phosphatase** (Serum,pNPP) **Total Proteins** 6.99 6.4 - 8.3 g/dL (Serum, Biuret) **Albumin** 4.01 g/dL 3.7 - 5.6Globulin 2.98 g/dL 1.8 - 3.6 (Serum) A/G Ratio 1.35 g/dl 1.1 - 2.2

----- End Of Report -----

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Dr. Avishesh Kumar Singh
M.D. (Pathologist)

11 - 34

U/L

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Lipid Profile (Fasting Sample Required)			
Cholesterol - Total	142	mg/dL	Desirable <200 Borderline High : 200-239 High :>=240
Triglycerides Level	135	mg/dL	Normal : <150 Borderline High :150-199 High : 200-499 Very High : >=500
HDL Cholesterol	40	mg/dl	Major risk factor for heart Disease :<40 Negative risk factor for heart Disease:>=60
LDL Cholesterol	75	mg/dL	Optimal : <100 Near Optimal : 100-129 Borderline High : 130 - 159 High :160 - 189 Very High : >190
VLDL Cholesterol	27	mg/dL	6-38
LDL/HDL RATIO	1.88		2.5-3.5
CHOL/HDL RATIO	3.55		3.5 - 5

Note: Reference Interval as per National Cholesterol Education Program (NCEP) Adult Treatment Panel III Report.

RFT (RENAL FUNCTION TEST)

Renal (Kidney) Function Test			
Urea	21	mg/dL	15 - 43
(Serum)			
Creatinine	0.76	mg/dL	0.57 - 1.4
(Serum,Jaffe)			
Sodium	138	mmol/L	135 - 145
Potassium	4.21	mmol/L	3.5 - 5.1
Uric Acid	4.11	mg/dL	2.6 - 6
(Serum,Uricase)			
Chlorides	100	mmol/L	98 - 107

The performance of the Roche cobas c 111 was evaluated using sigma metrics. The calculations were performed using James O. Westgard methodology.[2] This approach uses an assays total allowable error (TEa), accuracy (bias), and precision (SD) to calculate a Sigma metric to characterize the performance of that assay.

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HBA1C

HbA1c Value 5.10 % 4-6=Normal 6-7=Good Control 7-8=Fair Control

8-10=Unsatisfactory Control >10%=Poor Control

Diagnostics & Imagin

Dr. Ruprela's

Glycosylated Hemoglobin/Glycated Hemoglobin/GlycoHemoglobin/HbA1c. [1]

Its primary use is to monitor diabetic patient's compliance and long term blood glucose level control. It is an index of diabetic control (direct relationship between poor control and development of complications). It predicts development and progression of diabetic microvascular complications.

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CLINICAL PATHOLOGY

Investigation —	Observed Value	Unit	Biological Reference Range
_	Observed value	Offic	biological Reference Range
URINE R/M			
Physical Examination			
Specific Gravity	1.020		1.003-1.030
Appearance	Clear		Clear
Colour	Pale Yellow		Pale Yellow
pH (Reaction)	Acidic		Acidic
Chemical Examination			
Protein	NIL		NIL
Glucose	NIL		NIL
Microscopic Examination			
PUS CELLS	1 - 2	/hpf	0-5
Epithelial Cells	1 - 2	/hpf	0-5
RBC	Absent	/hpf	Absent
Bacteria	Absent		Absent
Crystals	Absent		Absent
Casts	Absent		Absent

Test Done by Urisys 1100 (ROCHE) Fully Automatic.

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Complete Blood Count (Haemogram)

Investigation	Observed Value	Unit	Biological Reference Range
CBC			
Erythrocytes			
Haemoglobin (Hb)	14.2	gm/dL	12.5 - 16.5
Erythrocyte (RBC) Count	4.96	mill/cu.mm	4.2 - 5.6
PCV (Packed Cell Volume)	42.7	%	36 - 47
MCV (Mean Corpusculer Volume)	86	fl	78 - 95
MCH (Mean Corpusculer Hb)	28.7	pg	26 - 32
MCHC (Mean Corpuscular Hb Concn.)	33.3	g/dL	32 - 36
RDW (Red Cell Distribution Width)	15.0	%	11.5 - 14
<u>Leucocytes</u>			
Total Leucocytes (WBC) Count	7600	cells/cu.mm	4000 - 11000
Neutrophils	59	%	40 - 75
Lymphocytes.	36	%	20 - 40
Monocytes	04	%	2-10
Eosinophils	01	%	1-6
Basophils	00	%	0 - 1
Platelets-			
Platelet count	205	x10^9/L	150 - 450
MPV (Mean Platelet Volume)	8.2	fL.	6 - 9.5
PCT (Platelet Haematocrit)	0.169	%	0.15 - 0500
PDW (Platelet Distribution Width)	15.5	%	11 - 18

EDTA Whole Blood - Tests done on Automated ABX Micros ES60(HORIBA) Cell Counter. WBC, RBC & Platelet count by impedance method, WBC differential by VCS technology & other parameters calculated) All abnormal Haemograms are reviewed & confirmed microscopically. Differential count is based on approximately 10,000 cells.

----- End Of Report -----

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M.D. (Pathologist)

Diagnostics & Imagin

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Hematology

Investigation **Observed Value** Unit **Biological Reference Range**

Blood Group & RH Type Screening

"A" **ABO Group**

Rh Type "POSITIVE"

Method: Column agglutination technology (CAT) is an automated. System for blood grouping which is superior in sensitivity to conventional tube method.

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PATHOLOGY

Investigation	Observed Value	Unit	Biological Reference Range
Thyroid Panel 1 (T3, T4, TSH)			
Т3	0.68	ng/dl	0.6-1.8

Remarks: 1. Decreased values of T3 (T4 and TSH normal) have minimal clinical significance and not recommended for diagnosis of hypothyroidism 2. Total T3 and T4 values may also be altered in other conditions due to changes in serum proteins or binding sites Pregnancy, Drugs (Androgens, Estrogens, O C pills, Phenytoin), Nephrosis etc. In such cases Free T3 and Free T4 give corrected values.

T4 6.89 ug/dl 4.5-12.6

Remark:1.Total T3 and T4 values may also be altered in other conditions due to changes in serum proteins or binding sites Pregnancy,Drugs (Androgens,Estrogens,O C pills, Phenytoin) Nephrosis etc. In such cases Free T3 and Free T4 give corrected values.

TSH 2.86 uIU/ml 0.25-5.5

Remarks : 1.4.51 to $15 \mu IU/mL$ - Suggested clinical co-relation or repeat the test with new sample as physiological factors can give falsely high TSH.

- 2.TSH values may be transiently altered because of non thyroidal illness like severe infections, liver disease, renal and heart failure, severe burns, trauma and surgery etc
- 3.Drugs that decrease TSH values e.g:L-dopa, Glucocorticoids Drugs that increase TSH values e.g lodine, Lithium, Amiodarone

Remark

Method Used: ELFA (Enzyme Linked Fluorescence Assay) on Mini Vidas most Efficient Analyzer Internationally accepted most advanced technology with high quality result.

----- End Of Report -----



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Age/Sex

32 Y/M

Referred By.:

ARCOFEMI HEALTHCARE LTD

Date

27.05.2023

PERIPHERAL SMEAR EXAMINATION

RBC: Macrocytic normochromic.

WBC: Total counts within normal range. No toxic granulation seen.

Band cells -9%, Neutrophils – 46%, Lymphocytes – 43%, Monocytes – 2%.

Platelets: Appears adequate on smear.

Haemoparasite: No haemoparasite seen.

IMPRESSION: NORMAL PERIPHERAL SMEAR FINDINGS.

ADVISED - Please correlate clinically.

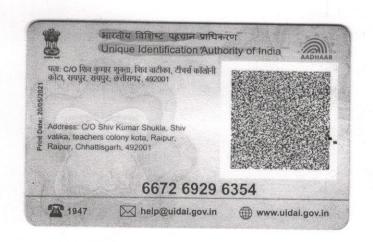
Dr Avishesh Kumar Singh

MD(Pathologist)

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FAFADIH, NEAR OVER BRIDGE, RUPRELA MARG (SINCE 1937), RAIPUR (C.G.)
Ph.: 0771-4048886, 2888800, Mob.: 9406396296, Email : nmsdiagnostic.service@gmail.com, Website : www.nmsdiagnostics.co.in





MMS Diagnostic

Dr. Shailendra Ruprela MD, Medicine Reg. No.: CG MC-511/2006



NAME: MR. ABHAY SHUKLA REF. BY. ARCOFEMI HEALTHCARE

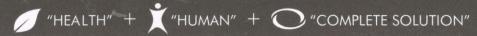
AGE/SEX: 32Y/M DATE-27.05.2023

X-RAY CHEST PA VIEW

- The lungs on the either side show equal translucency.
- The peripheral pulmonary vasculature is normal.
- No focal lung lesion is seen.
- The pleural spaces are normal.
- Both hila are normal in size, have equal density and bear normal relationship.
- The heart and trachea are central in position and no mediastinal abnormality is visible.
- The cardiac size is normal.
- The domes of the diaphragms are normal in position, and show smooth outline.
- IMPRESSION: No evidence of pulmonary, pleural or cardiac pathology is noted.
 - radiograph of chest is within normal limits.



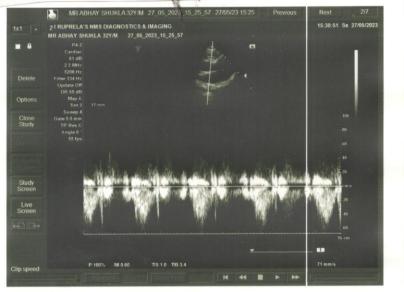
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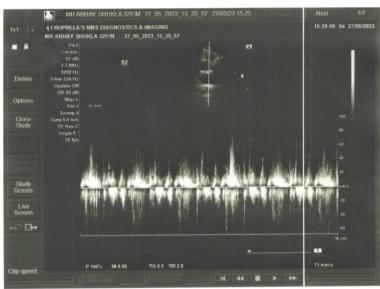


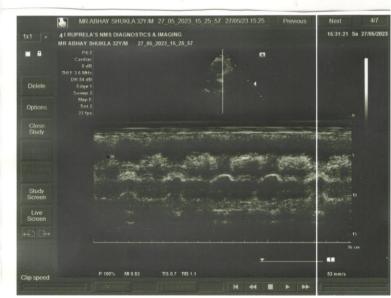


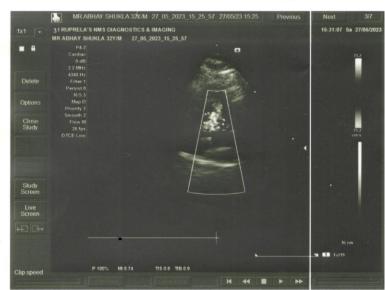












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AGE/SEX: 32Y/M DATE: 27/05/2023

ECHO - CARDIOGRAPHY

M-MODE MEASUREMENTS:

	ratient value (ch	normal v	alue (cm)
Aortic Root	2	.2	2.0-3.7
Left Atrial Dimension	3	.7	1.9-4.0
Left Ventricular ED	4	.5	3.7-5.6
Left Ventricular ES	2	.9	2.2-4.0
Intervenrticular Septal	ED: 0.8	ES: 0.9	0.6-1.2
LEFT VENT PW	ED: 0.8	ES: 0.9	0.6-1.2

Patient value (cm)

2 D ECHO

CHAMBERS All cardiac chambers normal.

VALVE NORMAL

SEPTAE **IVS/IAS INTACT**

RWMA NO EF (OVARALL)(LV) 60 % **CLOT/ VEGETATION** NIL PER. EFFUSION NIL

CONTINUOUS WAVE & PULSE WAVE DOPPLER Valve

Regurgitation Gradient(mm Hg) Mitral Valve NIL **Not Significant**

Aortic Valve NIL **Not Significant Tricuspid Valve** NIL

PASP= **Pulmonary Valve** Nil **Not Significant**

PULSE WAVE DOPPLER

MITRAL VALVE INFLOW Waves DT m sec

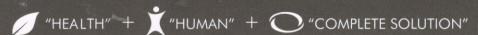
IMPRESSION -

- NO RWMA AT REST, LVEF=60%
- NORMAL BIVENTRICULAR FUNCTION
- NORMAL CHAMBERS DIMENSION.
- NO CLOT/VEGETATION/PERICARDIAL EFFUSION.
- **NORMAL VALVES**



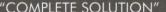
MBBS, MD, PGDCC

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SONOGRAPHY OF ABDOMEN AND PELVIS

The Real time, B mode, gray scale sonography was performed.

LIVER: The liver is normal in size, shape and has smooth margins.

It has uniform echotexture, has normally distributed and normal size biliary and portal radicles and is without solid or cystic mass lesion or calcification.

GALL BLADDER: The gall bladder is seen as a well distended, pear shaped bag with uniformly thin and regular walls, without, gall stones or mass lesions.

COMMON BILE DUCT: The common bile duct is normal in caliber.

No evidence of calculus is noted in common bile duct.

PANCREAS: The pancreas is normal in size, shape, contours and echotexture.

No evidence of solid or cystic mass lesion is noted.

KIDNEYS: The kidneys are normal in size and have smooth renal margins.

Cortical echotexture is normal

The central echocomplex does not show evidence of calculus.

SPLEEN: The spleen is normal in size and shape. Its echotexture is homogeneous.

No evidence of focal lesion is noted.

URINARY BLADDER: The urinary bladder is well distended.

No evidence of calculus is seen.

No evidence of mass or diverticulum is noted.

PROSTATE: The prostate shows well defined and sharp margins. The prostatic echotexture is normal and homogenous

IMPRESSION:

The Sonography Of Abdomen & pelvis Is Within Normal Limits

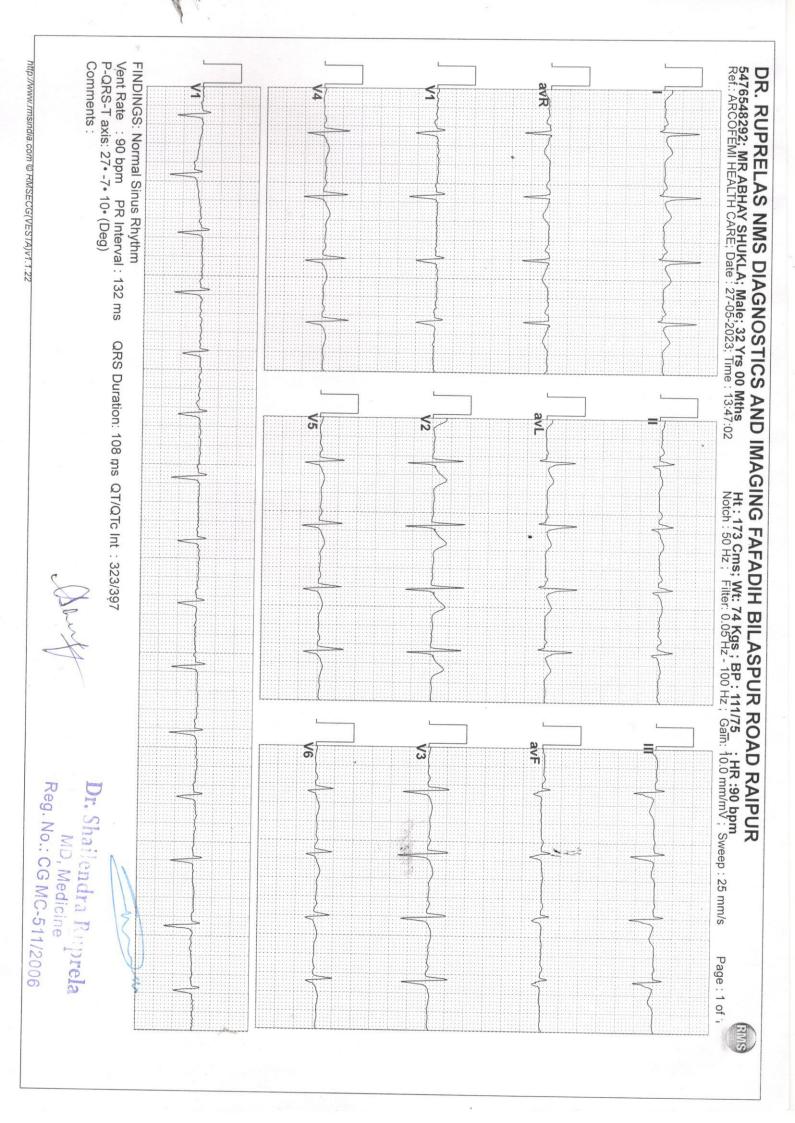
As with any other investigations the results obtained serve as an aid to diagnosis and should be interpreted in relation to any other clinical and diagnostic findings.

Thanks for referal with regards

Dr. Chhavi Jangde

Reg.No.:CGMC-5516/2014

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MR. ABHAY SHUKLA

DATE: 27.05.2023

AGE: 32

SEX: MALE

HEIGHT: 173cms

WEIGHT: 74kgs

BMI: 24.7

BLOOD PRESSURE: 111/75 mmHg

Medical History: Not Significant

ADVICE:

1. DRINK MINIMUM 10 GLASSES OF WATER.

EXERCISE / BRISK WALK FOR MINIMUM 50 MINS DAILY .
 INCREASE INTAKE OF FIBRE LIKE SALAD , FRUIT , SALAD ,SPROUTS.

4. TAKE GOOD SLEEP FOR 7-8 HOURS DAILY.

5. AVOID SPICY AND DEEP FRIED FOOD.

AVOID ALCOHOL, SMOKING, NICOTINE.

7. AVOID STRESS.

RELAX AND BE HAPPY.

CONSULTANT DIETICIAN



FAFADIH, NEAR OVER BRIDGE, RUPRELA MARG (SINCE 1937), RAIPUR (C.G.)









TO WHOM SO EVER IT MAY CONCERN

THIS IS TO DECLARE THAT MR. ABHAY SHUKLA AGE 32 YEAR/MALE HAS UNDERGONE MEDICAL EXAMINATION ON 27.05.2023 DURING HIS GENERAL EXAMINATION NO ABNORMALITIES WERE DETECTED.

HE WAS FULLY ORIENTED, NO DISABILITY WITH NORMAL GAIT.

NO SIGNS OF PALPABLE OR ENLARGED LYMPH NODES.

NO GROWTH / SWELLING OBSERVED.

HIS VITALS PARAMETERS ARE HEIGHT: 173 cms, WEIGHT: 74kg, BP:111/75mmhg, HR:90 bpm, BMI:24.7

HIS BOWEL HABITS ARE REGULAR. NO BURNING DURING MICTURITION.

ALL REFLEXES WERE NORMAL.

NO ABNORMALITIES WERE DETECTED DURING PALPATION, PERCUSSION AND AUSCULTATION OF VISCERA.

HE DOES NOT CARRY ANY COMMUNICABLE/TRANSFERRABLE DISEASE.

HE APPEARS TO BE PHYSICALLY FIT AND WE WISH HIM ALL THE BEST.

Dr. Shailendra Ruprela
MD, Medicine
Reg. No.: CG MC-511/2006

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