



बैंक ऑफ़ बरोडा
Bank of Baroda



नाम

सायन्तन बासु

Name

Sayantan Basu

कर्मचारी कूट क्र.

E.C. No.

128044

जारीकर्ता प्राधिकारी

Issuing Authority

धारक के हस्ताक्षर

Signature of Holder

FITNESS CERTIFICATE

Name : SAYANTAN BASU

Medical Date - 23/9/23

Gender : male

AGE : 39Y

PHYSICAL EXMINATION	Cardiovascular System	Respiratory System	Alimentary System
Height 176	Puls 70	Trachea : Normal	Liver NORMAL
Weight 84			Spleen NORMAL
BMI 27.1	BP 120/80	RR	Kidney NORMAL
SKIN NAD			Hernia NO
NOSE NAD	Heart Sound:Normal	RS NAD	Hydrocele NO
EAR & Tonsils: NAD			

Central Nervous System

X-Ray :- Normal

ECG :- CON C

PFT :- NA

Employee Present History :-

Kidney DM 3u-5 yrs
↓ Reg Rx

Specs Without Glasses / With Glasses

VISION RIGHT LEFT

NEAR - N/G N/G

DISTANT- 6/6 6/6

Colour Vision - Normal

Employee Family History :-

ADVICE :

Lifestyle modification, Diet op...
HbA1c 8 PP Sugar ↑↑

REMARK :- Employee is free from any infectious contagious & communicable diseases and join his/her normal duties



Sayantan Basu
 Male
 Years : 39 y 1 m
 Req. No. :
 BP - 120/80 mm/hg
 SpO₂ - 99%
 PR - 70 h

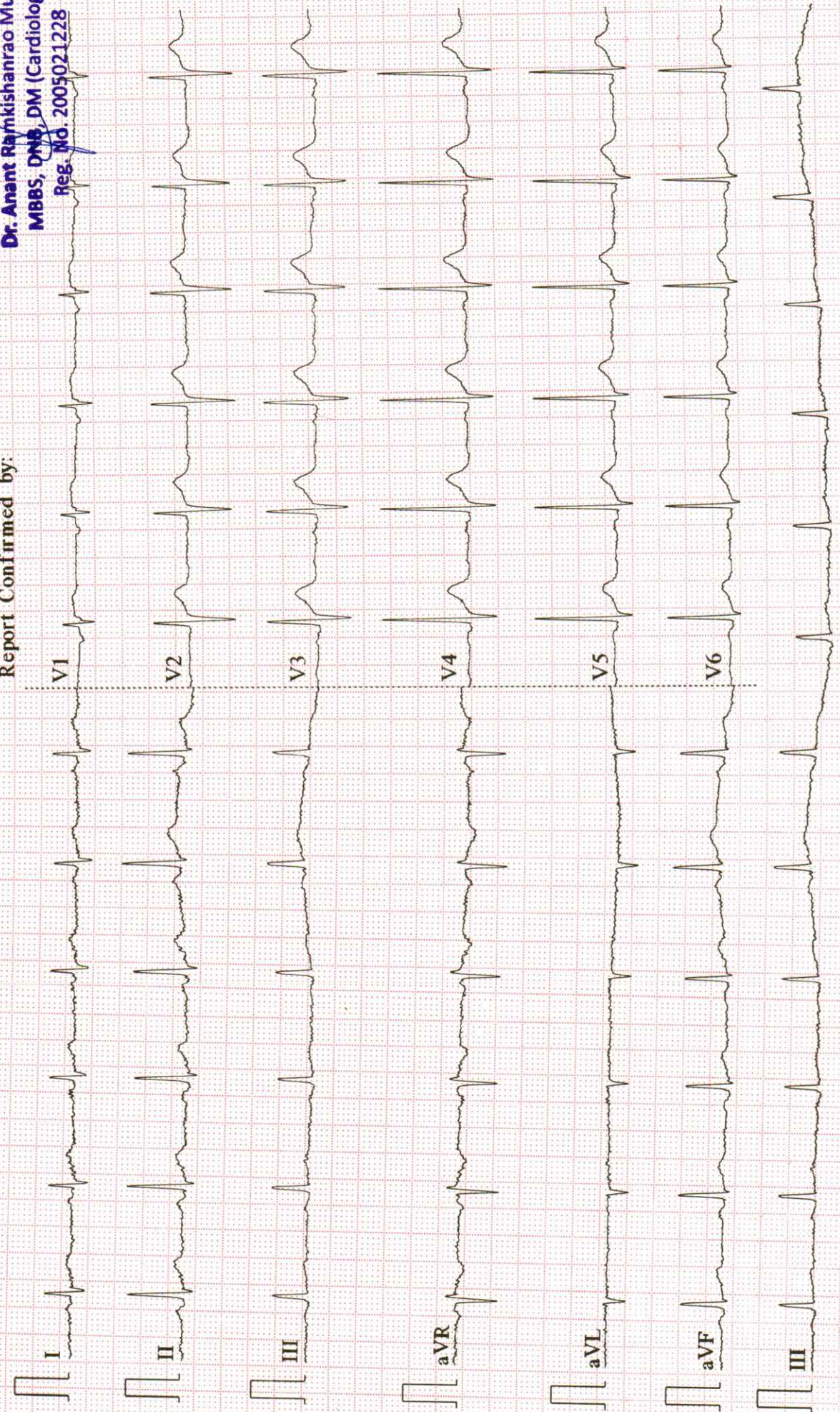
HR : 74 bpm
 P : 110 ms
 PR : 153 ms
 QRS : 77 ms
 QT/QTcBz : 359/399 ms
 P/QRS/T : 50/77/61 °
 RV5/SV1 : 1.526/0.262 mV

Diagnosis Information:
 Sinus Rhythm
 Normal ECG

NSR
 No specific ST-T changes
 Adv - No active intervention required right now

Dr. Anant Raynkishanrao Munde
 MBBS, DM, DM (Cardiology)
 Reg. No. 2005021228

Report Confirmed by:





ECHOCARDIOGRAM

NAME	MR. SAYANTAN BASU
AGE/SEX	39 YRS/M
REFERRED BY	SIDDHIVINAYAK HOSPITAL
DOCTOR	DR. ANANT MUNDE, DNB, DM (CARDIOLOGY)
DATE OF EXAMINATION	23/09/2023

2D/M-MODE ECHOCARDIOGRAPHY

VALVES: MITRAL VALVE: <ul style="list-style-type: none"> • AML: Normal • PML: Normal • Sub-valvular deformity: Absent AORTIC VALVE: Normal <ul style="list-style-type: none"> • No. of cusps: 3 PULMONARY VALVE: Normal TRICUSPID VALVE: Normal	CHAMBERS: LEFT ATRIUM: Normal LEFT VENTRICLE: Normal <ul style="list-style-type: none"> • RWMA: No • Contraction: Normal RIGHT ATRIUM: Normal RIGHT VENTRICLE: Normal <ul style="list-style-type: none"> • RWMA: No • Contraction: Normal
GREAT VESSELS: <ul style="list-style-type: none"> • AORTA: Normal • PULMONARY ARTERY: Normal 	SEPTAE: <ul style="list-style-type: none"> • IAS: Intact • IVS: Intact
CORONARIES: Proximal coronaries normal CORONARY SINUS: Normal	VENACAVAE: <ul style="list-style-type: none"> • SVC: Normal • IVC: Normal and collapsing >20% with respiration
PULMONARY VEINS: Normal	PERICARDIUM: Normal

MEASUREMENTS:

AORTA		LEFT VENTRICLE STUDY		RIGHT VENTRICLE STUDY	
PARAMETER	OBSERVED VALUE	PARAMETER	OBSERVED VALUE	PARAMETER	OBSERVED VALUE
Aortic annulus	21 mm	Left atrium	35 mm	Right atrium	mm
Aortic sinus	mm	LVIDd	45.0 mm	RVd (Base)	mm
Sino-tubular junction	mm	LVIDs	26.1 mm	RVEF	%
Ascending aorta	mm	IVSd	8.0 mm	TAPSE	mm
Arch of aorta	mm	LVPWd	8.0 mm	MPA	mm
Desc. thoracic aorta	mm	LVEF	73 %	RVOT	mm
Abdominal aorta	mm	LVOT	mm	IVC	15 mm





Name - Mr. sayantan basu	Age - 39 Y/M
Ref by Dr.- Siddhivinayak Hospital	Date- 23/09/2023

USG ABDOMEN & PELVIS

Clinical details:- Routine

The Liver is normal in size and shows raised echogenicity. There is no obvious abnormal focal lesion seen. There is no IHBR dilatation seen in both the lobes of the liver.

The CBD and the Portal vein appear normal.

The Gall bladder is well distended & appears normal. No calculi or filling defects are seen. No evidence of Pericholecystic collection. The wall thickness is normal.

Right Kidney measures 10.5 x 4.5 cm & appears normal in shape and position. There is no evidence of hydronephrosis or any calculi seen. Cortico-medullary differentiation is maintained.

Left Kidney measures 11.2 x 5.4 cm & appears normal in shape and position. There is no evidence of hydronephrosis or any calculi seen. Cortico-medullary differentiation is maintained.

The Pancreas is normal in size & shows homogenous echopattern. It shows no focal lesion. The Spleen is normal in size (10.4 cm) with homogenous echotexture. The urinary bladder is adequately distended and appears normal. There is no evidence of any obvious calculi or any mass lesion seen. Both Uretero-vesical junctions appear clear. No abnormal intraluminal lesion noted.

Prostate appears normal in size. The echotexture pattern is normal. there is no obvious focal lesion seen.

No free fluid or obvious lymphadenopathy is seen in abdomen and pelvis.

IMPRESSION:

- Fatty liver

Adv.: Clinical and lab correlation.


DR. MOHAMMAD SOHAIB
MBBS; DMRE
CONSULTANT RADIOLOGIST

Note: The above report represents interpretation of various radiographic / sonographic shadows, and hence has its own limitations. This report has to be co-related clinic-pathologically by the referring / physician and it does NOT represent the sole diagnosis. Second opinion is always advisable.





Name - MR. Sayantan Basu	Age - 39 Y/M
Ref by Dr.- Siddhivinayak Hospital	Date - 23/09/2023

X- Ray chest (PA VIEW)

No obvious active parenchymal lesion seen in both lungs.

Cardiac and aortic shadows appear normal

No evidence of pleural of effusion is seen.

Both domes of diaphragm appear normal.

No obvious bony lesion is seen.

IMPRESSION:

- No significant abnormality seen.

Adv.: Clinical and lab correlation.

DR. MOHAMMAD SOHAIB
MBBS; DMRE
CONSULTANT RADIOLOGIST

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Age/Sex	: 39 Years /Male	Reported On	: 23-Sep-2023 7:56 PM
Ref By	: SIDDHIVINAYAK HOSPITAL CGHS /ESIS	Report Status	: FINAL



***LIPID PROFILE**

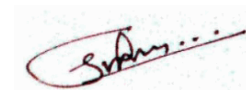
TEST NAME	RESULTS	UNIT	REFERENCE RANGE
TOTAL CHOLESTEROL (CHOLESTEROL OXIDASE, ESTERASE, PEROXIDASE)	159.0	mg/dL	Desirable blood cholesterol: - <200 mg/dl. Borderline high blood cholesterol: - 200 - 239 mg/dl. High blood cholesterol: - >239 mg/dl.
S.HDL CHOLESTEROL (DIRECT MEASURE - PEG)	41.4	mg/dL	Major risk factor for heart : <30 mg/dl. Negative risk factor for heart disease: >=80 mg/dl.
S. TRIGLYCERIDE (ENZYMATIC, END POINT)	84.2	mg/dL	Desirable level : <161 mg/dl. High : >= 161 - 199 mg/dl. Borderline High : 200 - 499 mg/dl. Very high : >499mg/dl.
VLDL CHOLESTEROL (CALCULATED VALUE)	17	mg/dL	UPTO 40
S.LDL CHOLESTEROL (CALCULATED VALUE)	101	mg/dL	Optimal: <100 mg/dl. Near Optimal: 100 - 129 mg/dl. Borderline High: 130 - 159 mg/dl. High : 160 - 189mg/dl. Very high : >= 190 mg/dl.
LDL CHOL/HDL RATIO (CALCULATED VALUE)	2.44		UPTO 3.5
CHOL/HDL CHOL RATIO (CALCULATED VALUE)	3.84		<5.0

Above reference ranges are as per ADULT TREATMENT PANEL III recommendation by NCEP (May 2015).

Result relates to sample tested, Kindly correlate with clinical findings.

..... END OF REPORT

Checked By
SHAISTA Q



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 M.B.B.S.M.D. Pathology(Mum)
 Consultant Histocytologist



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COMPLETE BLOOD COUNT

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
HEMOGLOBIN	14.1	gm/dl	13 - 18
HEMATOCRIT (PCV)	42.3	%	42 - 52
RBC COUNT	4.99	x10 ⁶ /uL	4.70 - 6.50
MCV	85	fl	80 - 96
MCH	28.3	pg	27 - 33
MCHC	33	g/dl	33 - 36
RDW-CV	14.6	%	11.5 - 14.5
TOTAL LEUCOCYTE COUNT	6610	/cumm	4000 - 11000
<u>DIFFERENTIAL COUNT</u>			
NEUTROPHILS	61	%	40 - 80
LYMPHOCYTES	27	%	20 - 40
EOSINOPHILS	04	%	0 - 6
MONOCYTES	08	%	2 - 10
BASOPHILS	00	%	0 - 1
PLATELET COUNT	213000	/ cumm	150000 - 450000
MPV	12.4	fl	6.5 - 11.5
PDW	16	%	9.0 - 17.0
PCT	0.260	%	0.200 - 0.500
RBC MORPHOLOGY	Normocytic Normochromic		
WBC MORPHOLOGY	Normal		
PLATELETS ON SMEAR	Adequate		

Method : EDTA Whole Blood- Tests done on Automated Six Part Cell Counter.RBC and Platelet count by Electric Impedance ,WBC by SF Cube method and Differential by flow cytometry . Hemoglobin by Cyanide free reagent for hemoglobin test (Colorimetric Method).Rest are calculated parameters.

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HEMATOLOGY

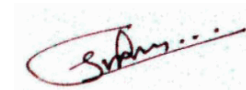
TEST NAME	RESULTS	UNIT	REFERENCE RANGE
ESR	10	mm/1hr.	0 - 20

METHOD - WESTERGREN

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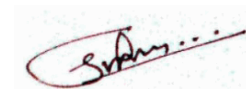
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URINE ROUTINE EXAMINATION

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<u>URINE ROUTINE EXAMINATION</u>			
<u>PHYSICAL EXAMINATION</u>			
VOLUME	25 ml		
COLOUR	Pale Yellow	Text	Pale Yellow
APPEARANCE	Clear		CLEAR
<u>CHEMICAL EXAMINATION</u>			
REACTION (methyl red and Bromothymol blue indicator)	Acidic		Acidic
SP. GRAVITY (Bromothymol blue indicator)	1.010		1.005 - 1.022
PROTEIN (Protein error of PH indicator)	Absent		Absent
BLOOD (Peroxidase Method)	Absent		Absent
SUGAR (GOD/POD)	Absent		Absent
KETONES (Acetoacetic acid)	Absent		Absent
BILE SALT & PIGMENT (Diazonium Salt)	Absent		Absent
UROBILINOGEN (Red azodye)	Absent		Normal
LEUKOCYTES (pyrrole amino acid ester diazonium salt)	Absent	Text	Absent
NITRITE (Diazonium compound With tetrahydrobenzo quinolin 3-phenol)	Absent		Negative
<u>MICROSCOPIC EXAMINATION</u>			
RED BLOOD CELLS	Absent		
PUS CELLS	0-2	/ HPF	0 - 5
EPITHELIAL	0-2	/ HPF	0 - 5
CASTS	Absent		

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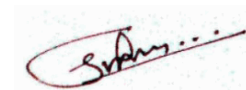
TEST NAME	RESULTS	UNIT	REFERENCE RANGE
CRYSTALS	Absent		
BACTERIA	Absent		Absent
YEAST CELLS	Absent		Absent
ANY OTHER FINDINGS	Absent		

REMARK Result relates to sample tested. Kindly correlate with clinical findings.

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IMMUNO ASSAY

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<u>TFT (THYROID FUNCTION TEST)</u>			
SPACE		Space	-
SPECIMEN	Serum		
T3	114.9	ng/dl	84.63 - 201.8
T4	9.10	µg/dl	5.13 - 14.06
TSH	2.88	µIU/ml	0.270 - 4.20
T3 (Triiodo Thyronine) hormone)	T4 (Thyroxine)	TSH(Thyroid stimulating	
AGE	RANGE	AGE	RANGES
1-30 days	100-740	1-14 Days	11.8-22.6
1-11 months	105-245	1-2 weeks	9.9-16.6
1-5 yrs	105-269	1-4 months	7.2-14.4
6-10 yrs	94-241	4 -12 months	7.8-16.5
11-15 yrs	82-213	1-5 yrs	7.3-15.0
0.1-2.5			
15-20 yrs	80-210	5-10 yrs	6.4-13.3
0.20-3.0		11-15 yrs	5.6-11.7
0.30-3.0			

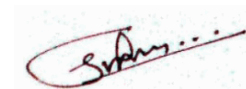
INTERPRETATION :

TSH stimulates the production and secretion of the metabolically active thyroid hormones, thyroxine (T4) and triiodothyronine (T3), by interacting with a specific receptor on the thyroid cell surface. The synthesis and secretion of TSH is stimulated by Thyrotropin releasing hormone (TRH), in response to low levels of circulating thyroid hormones. Elevated levels of T3 and T4 suppress the production of TSH via a classic negative feedback mechanism. Failure at any level of regulation of the hypothalamic-pituitary-thyroid axis will result in either underproduction (hypothyroidism) or overproduction (hyperthyroidism) of T4 and/or T3.

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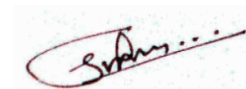
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HAEMATOLOGY

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
BLOOD GROUP			
SPECIMEN	WHOLE BLOOD EDTA & SERUM		
* ABO GROUP	'B'		
RH FACTOR	POSITIVE		
Method: Slide Agglutination and Tube Method (Forward grouping & Reverse grouping)			
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***BIOCHEMISTRY**

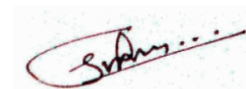
TEST NAME	RESULTS	UNIT	REFERENCE RANGE
BLOOD UREA (Urease UV GLDH Kinetic)	27.8	mg/dL	19 - 45
BLOOD UREA NITROGEN (Calculated)	12.99	mg/dL	5 - 20
S. CREATININE (Enzymatic)	0.72	mg/dL	0.6 - 1.4
S. URIC ACID (Uricase)	7.4	mg/dL	3.5 - 7.2
S. SODIUM (ISE Direct Method)	138.7	mEq/L	137 - 145
S. POTASSIUM (ISE Direct Method)	4.22	mEq/L	3.5 - 5.1
S. CHLORIDE (ISE Direct Method)	100.8	mEq/L	98 - 110
S. PHOSPHORUS (Ammonium Molybdate)	3.59	mg/dL	2.5 - 4.5
S. CALCIUM (Arsenazo III)	9.7	mg/dL	8.6 - 10.2
PROTEIN (Biuret)	6.6	g/dl	6.4 - 8.3
S. ALBUMIN (BGC)	4.24	g/dl	3.2 - 4.6
S.GLOBULIN (Calculated)	2.36	g/dl	1.9 - 3.5
A/G RATIO calculated	1.80		0 - 2

NOTE BIOCHEMISTRY TEST DONE ON FULLY AUTOMATED (EM 200) ANALYZER.

Result relates to sample tested, Kindly correlate with clinical findings.

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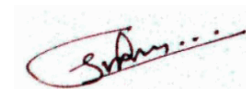
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Peripheral smear examination

TEST NAME	RESULTS
SPECIMEN RECEIVED	Whole Blood EDTA
RBC	Normocytic Normochromic
WBC	Total leucocyte count is normal on smear.
	Neutrophils:62 %
	Lymphocytes:25 %
	Monocytes:08 %
	Eosinophils:05 %
	Basophils:00 %
PLATELET	Adequate on smear.
HEMOPARASITE	No parasite seen.
	Result relates to sample tested, Kindly correlate with clinical findings.
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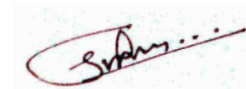
LIVER FUNCTION TEST

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
TOTAL BILLIRUBIN (Method-Diazo)	0.61	mg/dL	0.0 - 2.0
DIRECT BILLIRUBIN (Method-Diazo)	0.28	mg/dL	0.0 - 0.4
INDIRECT BILLIRUBIN Calculated	0.33	mg/dL	0 - 0.8
SGOT(AST) (UV without PSP)	21.2	U/L	0 - 37
SGPT(ALT) UV Kinetic Without PLP (P-L-P)	32.9	U/L	UP to 40
ALKALINE PHOSPHATASE (Method-ALP-AMP)	89.0	U/L	53 - 128
S. PROTIEN (Method-Biuret)	6.60	g/dl	6.4 - 8.3
S. ALBUMIN (Method-BCG)	4.24	g/dl	3.5 - 5.2
S. GLOBULIN Calculated	2.36	g/dl	1.90 - 3.50
A/G RATIO Calculated	1.80		0 - 2

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BIOCHEMISTRY

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
GAMMA GT	21.0	U/L	13 - 109
<u>GLYCOCELATED HEMOGLOBIN (HBA1C)</u>			
HBA1C (GLYCOSALATED HAEMOGLOBIN)	6.5	%	Hb A1c > 8 Action suggested < 7 Goal < 6 Non - diabetic level
AVERAGE BLOOD GLUCOSE (A. B. G.)	139.9	mg/dL	NON - DIABETIC : <=5.6 PRE - DIABETIC : 5.7 - 6.4 DIABETIC : >6.5

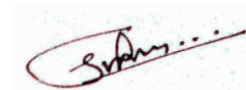
METHOD Particle Enhanced Immunoturbidimetry
 HbA1c : Glycosylated hemoglobin concentration is dependent on the average blood glucose concentration which is formed progressively and irreversibly over a period of time and is stable till the life of the RBC/erythrocytes. Average Blood Glucose (A.B.G) is calculated value from HbA1c : Glycosylated hemoglobin concentration in whole Blood. It indicates average blood sugar level over past three months.

BLOOD GLUCOSE FASTING & PP

BLOOD GLUCOSE FASTING	102.8	mg/dL	70 - 110
BLOOD GLUCOSE PP	146.3	mg/dL	70 - 140

- Method (GOD-POD). DONE ON FULLY AUTOMATED ANALYSER (EM200).
- Fasting is required (Except for water) for 8-10 hours before collection for fasting specimen. Last dinner should consist of bland diet.
 - Don't take insulin or oral hypoglycemic agent until after fasting blood sample has been drawn

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 M.B.B.S.M.D. Pathology(Mum)
 Consultant Histocytopathologist



Name	: Mr. SAYANTAN BASU	Collected On	: 23-Sep-2023 11:46 AM
Lab ID.	: 168430	Received On	: 23-Sep-2023 11:56 AM
Age/Sex	: 39 Years /Male	Reported On	: 23-Sep-2023 7:56 PM
Ref By	: SIDDHIVINAYAK HOSPITAL CGHS /ESIS	Report Status	: FINAL



BIOCHEMISTRY

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
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INTERPRETATION

- Normal glucose tolerance : 70-110 mg/dl
- Impaired Fasting glucose (IFG) : 110-125 mg/dl
- Diabetes mellitus : ≥ 126 mg/dl

POSTPRANDIAL/POST GLUCOSE (75 grams)

- Normal glucose tolerance : 70-139 mg/dl
- Impaired glucose tolerance : 140-199 mg/dl
- Diabetes mellitus : ≥ 200 mg/dl

CRITERIA FOR DIAGNOSIS OF DIABETES MELLITUS

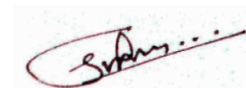
- Fasting plasma glucose ≥ 126 mg/dl
- Classical symptoms +Random plasma glucose ≥ 200 mg/dl
- Plasma glucose ≥ 200 mg/dl (2 hrs after 75 grams of glucose)
- Glycosylated haemoglobin $> 6.5\%$

***Any positive criteria should be tested on subsequent day with same or other criteria.

Result relates to sample tested, Kindly correlate with clinical findings.

..... END OF REPORT

Checked By
SHAISTA Q



DR. SMITA RANVEER.
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