Hosp. Reg. No.: TMC - Zone C - 386

Vinay Kumas 42 yrs Male 19/02/2024

No fresh complaints.

No comostsidities.

No PIH

No SIH.

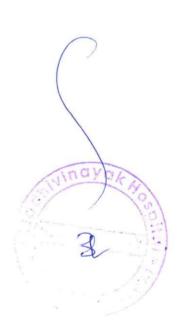
FIH- mother- Gheattry

Father-

Ht-175cm Wt-66159 BMI-21.61591m2 (Normal) BP- 120/80 mmtly P- 64/min SPOZ-997,

It is fitt and can resume his normal duties

\* consult with physician for blood changes cholesteres, TS, VLDL TSH 8915ed 11







022 - 2588 3531

S-1, Vedant Complex, Vartak Nagar, Thane (W) 400 606 www.siddhivinayakhospitals.org







**Imaging Department** Sonography | Colour Doppler | 3D / 4D USG

### 2D ECHOCARDIOGRAM & COLOUR DOPPLER REPORT

NAME

: MR. VINAY KUMAR

AGE

: 42 YR/M

DATE OF EXAMINATION

: 19/02/2024

: SIDDHIVINAYAK HOPSITAL

**ECHOCARDIOGRAM DONE BY** 

: DR.SANDIP FULPAGARE

Mitral Valve

Normal.

Aortic Valve

Normal.

Pulmonary Valve Tricuspid Valve

Normal.

Interatrial septum

Normal. Intact.

Interventricular septum

Intact. Normal

RV

Normal 3.7cm

LA LV

Normal, No RWMA.

LV Dimensions

LVID (s):2.7 cm

LVEF: 60%

LVID (d): 4.7 cm IVS (d): 1.0 cm

LVPW (d):1.0cm

Aorta

2.7cm

Pericardium

Normal.

IVC / Other findings

## **DOPPLER MEASUREMENTS:-**

MV: E = 0.4, A = 0.7, DT = 160 ms.

Aortic flow velocity = 1.2 m/s.

Pulmonary flow velocity = 0.7 m/s.

MR: Nil, AR: Nil, TR: Nil, PR: Nil

#### IMPRESSION:-

Normal Sized cardiac chambers.

No RWMA, Good LV Systolic Function. (LVEF- 60 %)

Normal Valves.

RA/ RV Normal, Good RV systolic function.

No pericardial effusion/Clot.

DR. SANDIP FULPAGARE, MD (MEDICINE), DNB (CARDIOLOGY).FESC.









## **Imaging Department**

Sonography | Colour Doppler | 3D / 4D USG Name - Mr. Vinay Kumar | Age - 42 Y/M

Ref by Dr.- Siddhivinayak Hospital Date - 19/02/2024

#### **USG ABDOMEN & PELVIS**

#### FINDINGS: -

The **liver** dimension is normal in size. It appears normal in morphology with **Raised echogenicity**. No evidence of intrahepatic ductal dilatation.

The GB-gallbladder is distended normally. Wall thickness is normal.

The CBD- common bile duct is normal. The portal vein is normal.

The pancreas appears normal in morphology.

The spleen is normal in size 8.4 cm and morphology.

Both kidneys demonstrate normal morphology.

Both kidneys show normal cortical echogenicity.

The right kidney measures 9.7 x 5.2 cm.

The left kidney measures 9.6 x 5.0 cm.

Urinary bladder: -normally distended. Wall thickness - normal.

Prostate is normal in size and morphology Size: 12.2gm

Seminal vesicles appear normal.

No free fluid is seen.

#### IMPRESSION:-

Fatty Liver (Grade I)

DR. AMOL BENDRE
MBBS; DMRE
CONSULTANT RADIOLOGIST









# Imaging Department Sonography | Colour Doppler | 3D / 4D USG

Name - Mr. Vinay Kumar	Age - 42 Y/M
Ref by Dr Siddhivinayak Hospital	Date - 19/02/2024

## 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. AMOL BENDRE 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.





# OPTHAL CHECK UP SCREENING

NAME OF EMPLOYEE

VINAY KUMAR

AGE

42

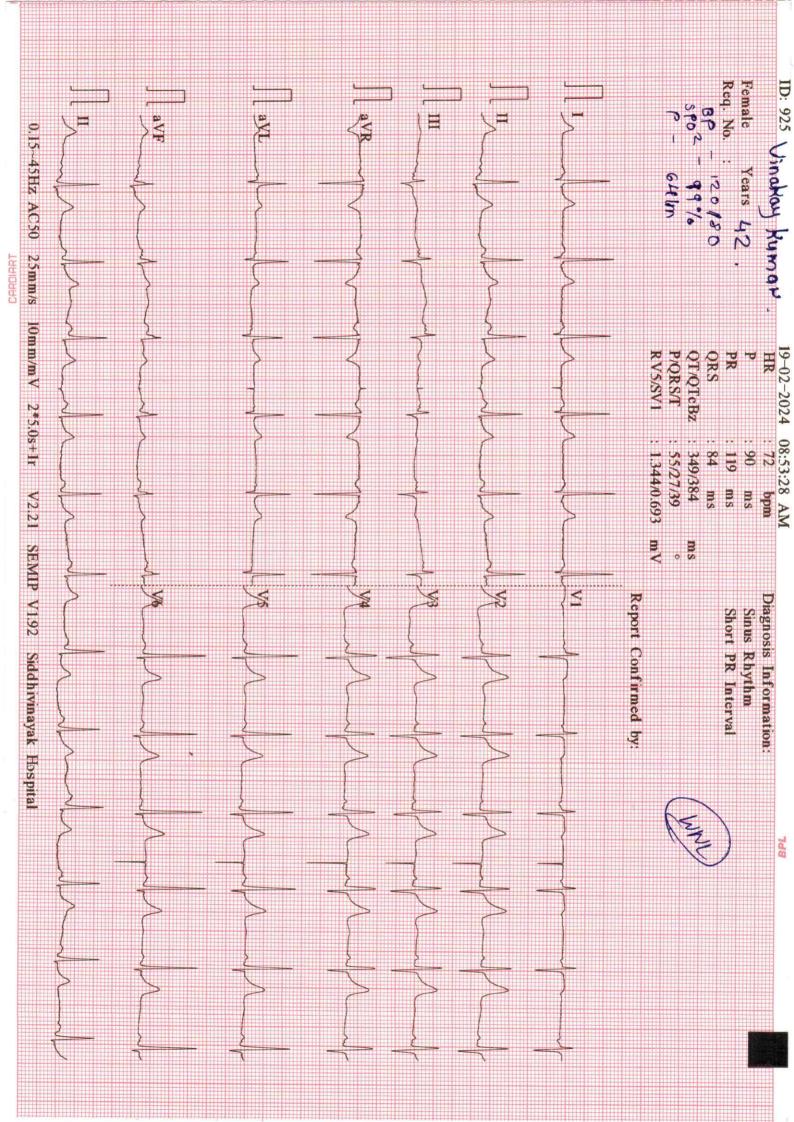
DATE -

19.02.2024

Spects: Without Glasses

	RT Eye	Lt Eye
NEAR	N/6	N/6
DISTANT	6/9	6/9
Color Blind Test	РСВ	N

SIDDHIVINAYAK HOSPITALS







. 19/2/2024 10:12 am Lab ID. Received On : 184198

: 20/2/2024 9:48 am Reported On Age/Sex : 42 Years / Male

**Report Status** : FINAL : SIDDHIVINAYAK HOSPITAL CGHS /ESIS / Ref By

#### \*LIPID PROFILE

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
TOTAL CHOLESTEROL (CHOLESTEROL OXIDASE,ESTERASE,PEROXIDA SE)	240.0	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)	43.2	mg/dL	Major risk factor for heart :<30 mg/dl.  Negative risk factor for heart disease: >=80 mg/dl.
S. TRIGLYCERIDE (ENZYMATIC, END POINT)	286.7	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)	57	mg/dL	UPTO 40
S.LDL CHOLESTEROL (CALCULATED VALUE)	139	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)	3.22		UPTO 3.5
CHOL/HDL CHOL RATIO (CALCULATED VALUE)	5.56		<5.0

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

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

**Checked By** 

Priyanka\_Deshmukh

DR. SMITA RANVEER. M.B.B.S.M.D. Pathology(Mum) **Consultant Histocytopathologist** 

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. 19/2/2024 10:12 am Lab ID. Received On : 184198

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**Report Status** : FINAL Ref By : SIDDHIVINAYAK HOSPITAL CGHS /ESIS /

#### **COMPLETE BLOOD COUNT**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
HEMOGLOBIN	14.5	gm/dl	13 - 18
HEMATOCRIT (PCV)	43.5	%	42 - 52
RBC COUNT	4.94	x10^6/uL	4.70 - 6.50
MCV	88	fl	80 - 96
MCH	29.4	pg	27 - 33
MCHC	33	g/dl	33 - 36
RDW-CV	14.0	%	11.5 - 14.5
TOTAL LEUCOCYTE COUNT	7930	/cumm	4000 - 11000
<b>DIFFERENTIAL COUNT</b>			
NEUTROPHILS	64	%	40 - 80
LYMPHOCYTES	21	%	20 - 40
EOSINOPHILS	05	%	0 - 6
MONOCYTES	10	%	2 - 10
BASOPHILS	00	%	0 - 1
PLATELET COUNT	150000	/ cumm	150000 - 450000
MPV	16.2	fl	6.5 - 11.5
PDW	16.3	%	9.0 - 17.0
PCT	0.180	%	0.200 - 0.500
RBC MORPHOLOGY	Normocytic Normochron	nic	
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.

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

----- END OF REPORT ------

**Checked By** pooja jadhav

DR. SMITA RANVEER. M.B.B.S.M.D. Pathology(Mum) **Consultant Histocytopathologist** 

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. 19/2/2024 10:12 am Lab ID. Received On : 184198

Reported On : 20/2/2024 9:48 am Age/Sex : 42 Years / Male

**Report Status** : FINAL Ref By : SIDDHIVINAYAK HOSPITAL CGHS /ESIS /

#### **URINE ROUTINE EXAMINATION**

**TEST NAME** UNIT REFERENCE RANGE **RESULTS** 

## **URINE ROUTINE EXAMINATION**

**PHYSICAL EXAMINATION** 

**VOLUME** 20ml

**COLOUR** Pale Yellow Pale Yellow

**CLEAR APPEARANCE** Clear

**CHEMICAL EXAMINATION** 

REACTION Acidic Acidic

(methyl red and Bromothymol blue indicator)

1.005 - 1.022 SP. GRAVITY 1.005

(Bromothymol blue indicator)

**PROTEIN** Absent Absent

(Protein error of PH indicator)

**BLOOD** Absent Absent

(Peroxidase Method)

**SUGAR** Absent Absent

(GOD/POD)

**KETONES** Absent Absent

(Acetoacetic acid)

**BILE SALT & PIGMENT** Absent Absent

(Diazonium Salt)

**UROBILINOGEN** Normal Normal

(Red azodye)

**LEUKOCYTES** Absent Absent

(pyrrole amino acid ester diazonium salt)

Negative

(Diazonium compound With tetrahydrobenzo quinolin 3-phenol)

#### **MICROSCOPIC EXAMINATION**

**RED BLOOD CELLS** Absent Absent **PUS CELLS** 0-2 / HPF 0 - 5 **EPITHELIAL** 0-2 / HPF 0 - 5

**CASTS** Absent

**Checked By** 

Priyanka Deshmukh

DR. SMITA RANVEER. M.B.B.S.M.D. Pathology(Mum) **Consultant Histocytopathologist** 

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Name : Mr. VINAY KUMAR (A) **Collected On** : 19/2/2024 10:02 am

. 19/2/2024 10:12 am Lab ID. Received On : 184198

: 20/2/2024 9:48 am Reported On Age/Sex : 42 Years / Male

**Report Status** : FINAL : SIDDHIVINAYAK HOSPITAL CGHS /ESIS / Ref By

#### **URINE ROUTINE EXAMINATION**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE		
CRYSTALS	Absent				
BACTERIA	Absent		Absent		
YEAST CELLS	Absent		Absent		
ANY OTHER FINDINGS	Absent				
REMARK	Result relates to sample	Result relates to sample tested. Kindly correlate with clinical findings.			

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

----- END OF REPORT --

**Checked By** 

Priyanka\_Deshmukh

DR. SMITA RANVEER. M.B.B.S.M.D. Pathology(Mum) **Consultant Histocytopathologist** 

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Lab ID. Received On : 184198

Reported On : 20/2/2024 9:48 am Age/Sex : 42 Years / Male

**Report Status** : FINAL Ref By : SIDDHIVINAYAK HOSPITAL CGHS /ESIS /

. 19/2/2024 10:12 am

#### **IMMUNO ASSAY**

TEST NAME		RESULTS		UNIT	REFERENCE RANGE	
TFT (THYROII	FUNCTION T	EST )				
SPACE				Space	-	
SPECIMEN		Serum				
T3		126.2		ng/dl	84.63 - 201.8	
T4		8.56		μg/dl	5.13 - 14.06	
TSH		8.77		μIU/ml	0.270 - 4.20	
T3 (Triido Thyr hormone)	onine)	T4 (Thyroxin	e)	TSH(TI	nyroid stimulating	
AGE	RANGE	AGE	RANGES	AGE	RANGES	
1-30 days	100-740	1-14 Days	11.8-22.6	0-14 D	ays 1.0-39	
1-11 months	105-245	1-2 weeks	9.9-16.6	2 wks -	5 months 1.7-9.1	
1-5 yrs	105-269	1-4 months	7.2-14.4	6 mon	ths-20 yrs	
6-10 yrs	94-241	4 -12 months	7.8-16.5	Pregn	ancy	
11-15 yrs	82-213	1-5 yrs	7.3-15.0	1st Tr	imester	
0.1-2.5						
15-20 yrs	80-210	5-10 yrs	6.4-13.3	2nd T	rimester	
0.20-3.0						
		11-15 yrs	5.6-11.7	3rd <sup>-</sup>	Frimester	
0.30-3.0						

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.

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

**Checked By** 

Priyanka Deshmukh

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#### **HAEMATOLOGY**

UNIT REFERENCE RANGE TEST NAME **RESULTS** 

**BLOOD GROUP** 

**SPECIMEN** WHOLE BLOOD EDTA & SERUM

\* ABO GROUP '0'

RH FACTOR **POSITIVE** 

Method: Slide Agglutination and Tube Method (Forward grouping & Reverse grouping)

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

----- END OF REPORT ----

**Checked By** 

Priyanka\_Deshmukh

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**Report Status** : FINAL Ref By : SIDDHIVINAYAK HOSPITAL CGHS /ESIS /

#### \*RENAL FUNCTION TEST TEST NAME UNIT REFERENCE RANGE **RESULTS BLOOD UREA** 24.3 mg/dL 19 - 45 (Urease UV GLDH Kinetic) **BLOOD UREA NITROGEN** 11.36 mg/dL 5 - 20 (Calculated) S. CREATININE 0.81 0.6 - 1.4mg/dL (Enzymatic) S. URIC ACID 7.2 3.5 - 7.2mg/dL (Uricase) S. SODIUM 142.2 137 - 145 mEq/L (ISE Direct Method) S. POTASSIUM 4.84 mEq/L 3.5 - 5.1(ISE Direct Method) S. CHLORIDE 103.5 98 - 110 mEq/L (ISE Direct Method) S. PHOSPHORUS 2.7 mg/dL 2.5 - 4.5(Ammonium Molybdate) S. CALCIUM 8.9 8.6 - 10.2 mg/dL (Arsenazo III) 6.4 - 8.3 **PROTEIN** 6.82 g/dl (Biuret) S. ALBUMIN 4.22 3.2 - 4.6 g/dl (BGC) **S.GLOBULIN** 2.60 1.9 - 3.5 g/dl (Calculated) A/G RATIO 1.62 0 - 2calculated

ANALYZER.

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

BIOCHEMISTRY TEST DONE ON FULLY AUTOMATED (EM 200)

**Checked By** 

NOTE

Priyanka Deshmukh

DR. SMITA RANVEER. M.B.B.S.M.D. Pathology(Mum) **Consultant Histocytopathologist** 

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. 19/2/2024 10:12 am Lab ID. Received On <sup>:</sup> 184198

Reported On : 20/2/2024 9:48 am Age/Sex : 42 Years / Male

**Report Status** : FINAL Ref By : SIDDHIVINAYAK HOSPITAL CGHS /ESIS /

## **Peripheral smear examination**

**TEST NAME RESULTS** 

SPECIMEN RECEIVED Whole Blood EDTA.

**RBC** Normocytic Normochromic.

**WBC** Total leucocyte count is normal on smear.

> Neutrophils:64 % Lymphocytes:21 % Eosinophils:05 % Monocytes :10 % Basophils :00 % Adequate on smear.

**PLATELET HEMOPARASITE** No Parasites seen.

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

**Checked By** pooja jadhav

DR. SMITA RANVEER. M.B.B.S.M.D. Pathology(Mum) **Consultant Histocytopathologist** 

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Name **Collected On** : Mr. VINAY KUMAR (A)

Lab ID. : 184198

Age/Sex : 42 Years / Male

: SIDDHIVINAYAK HOSPITAL CGHS /ESIS / Ref By

: 19/2/2024 10:02 am

: 20/2/2024 9:48 am Reported On

**Report Status** : FINAL

Received On

. 19/2/2024 10:12 am

#### **LIVER FUNCTION TEST**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
TOTAL BILLIRUBIN	0.8	mg/dL	0.1 - 1.2
(Method-Diazo)			
DIRECT BILLIRUBIN	0.33	mg/dL	0.0 - 0.4
(Method-Diazo)			
INDIRECT BILLIRUBIN	0.47	mg/dL	0 - 0.8
Calculated			
SGOT(AST)	33.0	U/L	0 - 37
(UV without PSP)			
SGPT(ALT)	33.4	U/L	UP to 40
UV Kinetic Without PLP (P-L-P)			
ALKALINE PHOSPHATASE	75.0	U/L	53 - 128
(Method-ALP-AMP)			
S. PROTIEN	6.82	g/dl	6.4 - 8.3
(Method-Biuret)			
S. ALBUMIN	4.22	g/dl	3.5 - 5.2
(Method-BCG)			
S. GLOBULIN	2.60	g/dl	1.90 - 3.50
Calculated			
A/G RATIO	1.62		0 - 2
Calculated			

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

**Checked By** 

Priyanka\_Deshmukh

DR. SMITA RANVEER. M.B.B.S.M.D. Pathology(Mum) **Consultant Histocytopathologist** 

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Name **Collected On** : Mr. VINAY KUMAR (A)

Lab ID. : 184198

Age/Sex : 42 Years / Male

: SIDDHIVINAYAK HOSPITAL CGHS /ESIS / Ref By

: 19/2/2024 10:02 am

. 19/2/2024 10:12 am Received On

: 20/2/2024 9:48 am Reported On

**Report Status** : FINAL

НΔ	EM	ΔΤ	OI	O	GY

TEST NAME	RESULTS	UNIT	REFERENCE RANGE
<u>ESR</u>			
ESR	15	mm/1hr.	0 - 20

METHOD - WESTERGREN

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

**Checked By** 

Priyanka\_Deshmukh

DR. SMITA RANVEER. M.B.B.S.M.D. Pathology(Mum) **Consultant Histocytopathologist** 

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: 19/2/2024 10:02 am Name : Mr. VINAY KUMAR (A) Collected On

. 19/2/2024 10:12 am Lab ID. Received On : 184198

Reported On : 20/2/2024 9:48 am Age/Sex : 42 Years / Male

**Report Status** : FINAL Ref By : SIDDHIVINAYAK HOSPITAL CGHS /ESIS /

#### **BIOCHEMISTRY**

TEST NAME	DECLUTO	UNIT	REFERENCE RANGE
TEST NAME	RESULTS		REFERENCE RANGE
GAMMA GT	26.0	U/L	13 - 109
<b>BLOOD GLUCOSE FASTING &amp; PP</b>			
BLOOD GLUCOSE FASTING	93.1	mg/dL	70 - 110
BLOOD GLUCOSE PP	102.7	mg/dL	70 - 140

Method (GOD-POD). DONE ON FULLY AUTOMATED ANALYSER (EM200).

- 1. Fasting is required (Except for water ) for 8-10 hours before collection for fasting speciman. Last dinner should consist of bland diet.
- 2. Don't take insulin or oral hypoglycemic agent until after fasting blood sample has been drawn

#### 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%

#### **GLYCOCELATED HEMOGLOBIN (HBA1C)**

HBA1C (GLYCOSALATED HAEMOGLOBIN)	5.5	%	Hb A1c > 8 Action suggested < 7 Goal < 6 Non - diabetic level
AVERAGE BLOOD GLUCOSE (A. B. G. )	111.0	mg/dL	NON - DIABETIC : <=5.6 PRE - DIABETIC : 5.7 - 6.4 DIABETIC : >6.5
METHOD	Particle Enhanced Immun	oturbidimetry	

#### **Checked By**

Priyanka Deshmukh

DR. SMITA RANVEER. M.B.B.S.M.D. Pathology(Mum) **Consultant Histocytopathologist** 

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<sup>\*\*\*</sup>Any positive criteria should be tested on subsequent day with same or other criteria.



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#### **BIOCHEMISTRY**

UNIT REFERENCE RANGE TEST NAME **RESULTS** 

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.

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

**Checked By** 

Priyanka Deshmukh

DR. SMITA RANVEER. M.B.B.S.M.D. Pathology(Mum) **Consultant Histocytopathologist** 

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. 19/2/2024 10:12 am Lab ID. Received On : 184198

: 20/2/2024 9:48 am Reported On Age/Sex : 42 Years / Male

**Report Status** : FINAL Ref By : SIDDHIVINAYAK HOSPITAL CGHS /ESIS /

#### **REPORT ON IMMUNOLOGY**

TEST NAME	RESULTS	UNIT	REFERENCE RANGE	
PSA (PROSTATE SPECIFIC	0.399	ng/ml	0 - 4	
ANTIGEN)(TOTAL)				

#### **INTERPRETATION:**

(CLIA)

Increased levels are noted in prostate cancer, benign prostatic hypertrophy, prostatitis

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

----- END OF REPORT -----

**Checked By** Pathologist

DR. SMITA RANVEER. M.B.B.S.M.D. Pathology(Mum) **Consultant Histocytopathologist** 

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