

Referred by Date

: Self : 27/11/2021

Patient's Id

: UT15

Age/Sex Reg. No

Mobile Ref ID. : 49 Years/Male

: 5429

: 9624242909

# **Fitness Certificate**

GENERAL EXAMINATION

Height (cms): 172

Weight (kgs): 70.0

Blood Pressure: 136/80mmHg

Pulse: 84/Min

No Clubbing/Cynosis/Pallor/Pedel Oedem

Systemic Examination:

Cardio vascular System - S1,S2 Normal, No Murmur

Respiratory system - AEBE

Central Nervous System - No FND

Abdomen - Soft, Non Tender, No Organomegaly

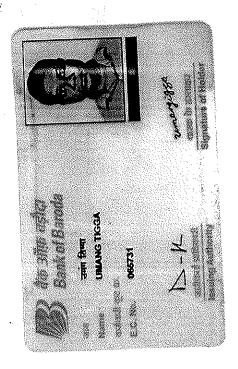
Comments: He is clinically fit on examination

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Dr Jinen M Shah DNB (Medicine)FCCS (USA)



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Dr. Jimon The Chab DNB (Medicine Ges (USA) Beg. No.: G-20683





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### **HEMOGRAM REPORT**

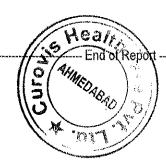
Performed on 5-Part Fully Auto Hematology Analyzer SIEMENS ADVIA 2120i)

Test	Result	Unit	Biological Reference Interval
Sample Type:	EDTA		
Haemoglobin: Total WBC Count: Platelets Count: Differential Count:	12.9 8100 208000	gm/dL /microlitre /microlitre	13.5 - 18.0 4000 - 10500 1,50,000 - 4,50,000
Neutrophils: Lymphocytes; Eosinophils: Monocytes; Basophils;	64 33 01 02 00	% % % %	40-80 20-40 Upto 6 2-10 <1-2
RBC indicles:  RBC Count: HCT: MCV: MCH: MCHC: RDW:	6.05 42.3 69.9 21.3 30.5	*10^6 /microL % fL pg %	4.5 - 5.5 40 - 50 83-101 27-32 31.5-34.5 11.6 - 14.0
Erythrocytes Sedimentation Rate(ESR): (By AUTO ESR-10, USA) ESR 1st Hr:	04	mm	2 - 15 mm in 1Hr.
Thick Smear Preparation: Haemoparasite: Peripheral Smear Examination: RBCs: Platelet:	Malarial parasites  Mild Microcytic & H  Platelet adequate	Hypochromic.	ear.

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Dr. KEYUR Patel M.B.DCP



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## LIPID PROFILE

(Performed on Semi Auto Chemistry Analyzer BeneSphera)

(F	neSphera)		
<b>Test</b> Sample Type: Fasting Serum	Result	Unit	Biological Reference Interval
S.Cholesterol (Oxidase Peroxidase)	297	mg/dL	< 200 Desirable 200-239 Boderline High > 240 High
S.HDLC (Direct) (Phosphotungsstic Acid)	43.4	mg/dL	< 40 Low > 60 High
S.Triglyceride (GPO-POD)	446.8	mg/dL	< 150 mg/dl Normal 150-199 Boderline High 200-499 High > 500 Very High
S.VLDL	89.36	mg/dL	10-40 Normal
(Calculated)			
S.LDLC	164.24	mg/dL	< 100 Optimal
(Calculated)			100-129 Near to above optimal 130-159 Boderline high 160-189 High >190 Very High
S.Cholesterol / HDLC Ratio	6.84		< 4 Normal
(Calculated)			4-6 Borderline 6-8 Risklevel > 8 High Risk
S.LDLC / HDLC Ratio	3.78		< 3 Normal
(Calculated)			3-4 Borderline
			4-6 Risk Level
01 1 1 1 1 1 1 m 1 0 m 1	221		> 6 High Risk
Cholesterol / HDLC Ratio (Calculated)	6.84		< 3.5 Normal
Triglyceride / HDLC Ratio (Calculated)	10.29		< 2 Normal > 4 Risk Level > 6 High Risk
Non HDLC (Calculated)	253.6		< 130 Normal 130 - 159 Near Normal 160 - 189 Borderline 190 - 219 Risklevel > 220 High Risk

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LIVER FUNCTION TEST

(Performed on Fully Auto DRY Chemistry Analyzer VITROS-250)

Test	Result	Unit	Biological Reference Interval
Sample Type: Serum			
S.Billirubin Total Bilirubin	0.63	mg/dl	0 - 1.2
(Azobillirubin)	0.03	ing/ai	0 - 1.2
Conjugated Bilirubin	0.09	mg/dl	0 - 0.4
(Dual Wavelength spectrophotometric)	<b>-</b> , • •		
Unconjugated Bilirubin	0.54	mg/dl	0.0 - 1.1
(Dual Wavelength spectrophotometric)			
S.G.P.T. (ALT)	41.8	IU/L	0 - 49
(Kinetic with Pyridoxal 5-Phosphate)	44 "		14.4.40
S.G.O.T. (AST) (Kinetic with Pyridoxal 5-Phosphate)	41.5	IU/L.	Up to 46
S.ALP (Alkaline Phosphatase)	180.6	U/L	80 - 306
(4-Nitrophenyl phosphate)	100.0	0,2	
S.Protein			
Total Protein	7.71	gm/dl	6.3 - 8.2
(Biuret)	4.05		0.5.50
Albumin	4.87	gm/dl	3.5 - 5.2
(BCG) Globulin	2.84	gm/dl	1.9 - 3.5
(Calculated)	2.04	gitirai	1.8 - 3.3
Albumin Globulin Ratio	1.71		
S.GammaGT	31.0	IU/L	15-73
(L-Gamma Glutamyl-4-Nitroanalide)	~ ( \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		

----- End of Report

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# **GLYCOSYLATED HAEMOGLOBIN (HbA1C) ESTIMATION**

Test	Result	Unit	Biological Reference Interval
Sample Type: EDTA			
Glycosylated Haemoglobin (HbA1C)	6.70	%	Pre-Diabetic (Adult): 5.7 - 6.4 Diabetic (Adult): >6.5 Therapeutic goal for glycemic control: <7.0
Mean Blood Glucose Level	145.59		

Method: HPLC on D-10, Bio-Rad, USA

#### INTERPRETATION:

(An average of 2 -3 Months)

\* Blood sample can be drawn at any time. Fasting is not required.

\* Reflects average blood sugar levels for the 2 to 3 months period before the test.

\* Provides information for evaluating diabetic treatment modalities and tracks control of blood glucose of particular value in diabetic children, diabetics in whom the renal threshold for glucose is abnormal, unstable insulin dependent diabetics where blood sugars vary markedly from day to day.

\* High value in poorly controlled DM and moves towards normal in patients with optimal control.

----- End of Report -----

Dr. KEYUR Patel

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#### **BLOOD GLUCOSE LEVEL**

<b>Test</b> Sample Type:	Result Flouride	Unit	Biological Reference Interval
Fasting Blood Glucose (Hexokinase) Collection Time:	138.4	mg/dl	70-110
Collection Time: Post Prandial Blood Glucose (2 Hrs) (Hexokinase)	176.0	mg/dl	80-140

Tests Performed on Fully Auto DRY Chemistry Analyzer VITROS-250 **RENAL FUNCTION TEST** 

(Performed on Fully Auto DRY Chemistry Analyzer VITROS-250)

Test	Result	Unit	Biological Reference Interval
Sample Type: Serum			
S.Urea (Urease with indicator dye) S.Creatinine	28.0 1.16	mg/dl mg/dL	Male: 19.6-43.6 Female: 15.2-37.0 0.55 - 1.30
(Enzymatic) S.Uric Acid (Uricase)	8.30	mg/dL	Male: 3,5-8.5 Female: 2.5-6.2

#### **BLOOD GROUP**

Sample Type:

**EDTA** 

**ABO Group:** 

"A"

Rh Type:

**Positive** 

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: 49 Years/Male

Reg. No

: 5429

Mobile Ref ID. : 9624242909

**SERUM LDH LEVEL** 

Test

Result

Unit

Biological Reference Interval

Sample Type:

LDH Activity( Lactate Dehydrogenase ):

Pyruvate to lactate Kinetic Method

Serum 177.1

U/L

120 - 246

#Tests Performed on Fully Auto DRY Chemistry Analyzer VITROS-250 **Prostate Specific Antigen** (Carried out on miniVIDAS, Biomerieux)

Test

Result

Unit

Reference Interval

S.PSA:

3.200

ng/ml

M: Healthy Male upto 4.00

(Prostate Specific Antigen)

----- End of Report -----

Dr. KEYUR Patel M.B.DCP

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### THYROID FUNCTION TEST (by CLIA on SIEMENS ADVIA Centaur XP)

Test	Result	Unit	Biological Reference Interval
Sample Type: Serum			
S.T3 (Total Triidothyronine by CLIA)	1.17	ng/mL	1 - 23 Months: 1.17 - 2.39 2 - 12 Years: 1.05 - 2.07 13 - 20 Years: 0.86 - 1.92 Adult: 0.6 - 1.81
S.T4 (Total Thyroxine by CLIA)	8.50	mcg/dL	3.2 - 12.6
S.TSH (Thyroid Stimulating Hormone by CLIA)	1.482	microU/mL	0 -12 Yrs: 0.77 - 5.64 12-19 Yrs: 0.75-3.69 19-100 Yrs: 0.35 -5.50

----- End of Report -----

Dr. KEYUR Patel M.B.DCP

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Patient's name

: UMANG TIGGA

Referred by

: Self

: UT15

Date

: 27/11/2021

Patient's Id

Age/Sex Reg. No

: 49 Years/Male

: 5429

Mobile Ref ID. : 9624242909

#### **URINE ROUTINE ANALYSIS**

Sample Type:	Fresh Urine		
Physical Exa	amination		

(Naked Eye Observation) Amount Colour

Result 20 ml

Pale Yellow Clear

Biological Ref. Value

Pale Yellow

### **Chemical Examination**

Appearance

pΗ (Dip stick)

Specific Gravity (Bromothymol Blue)

Albumin (Tetrabromophenol) Glucose

(Specific Glucose Oxidase/Peroxidase) Bilirubin

(Azo-coupling reaction) Acetone

(Sodium Nitroprusside Reaction)

Urobilinogen (Modified Ehrlich Reaction)

**Nitrites** (Diazotization Reaction)

Red Blood Cells(RBCs) Epithelial cells T.Vaginals

Spermatozoa Casts Crystals

Amorphous Material

7.0

1.010

Absent

Absent

Absent

Absent Absent

Absent

>10 ml Clear

4.5-8.0

1.002-1.030

Absent

Absent

Absent

Absent

Absent

Absent

Microscopic Examination

(After centrifugation at 1500 RPM for 10min./hpf)

Pus Cells(WBCs)

Occasional Occasional

Absent Absent Absent Absent

Absent

Absent

Absent

Absent

Absent Absent Absent

Absent Absent

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# Electrocardiogram

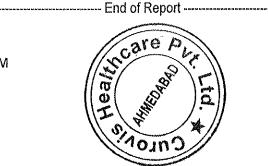
# **Findings**

Normal Sinus Rhythm.

Within Normal Limit.

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Dr Jinen M Shah



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: 9624242909

# 2D Echo Colour Doppler

### **OBSERVATION:**

2 D Echo and color flow studies were done in long and short axis, apical and Sub coastal views.

- 1. Normal LV size. No RWMA at rest.
- Normal RV and RA. Mildly Dilated LA, Concentric LVH.
- 3. All Four valves are structurally normal.
- Good LV systolic function. LVEF = 60%.
- ReducedLV Compliance.
- Trivial TR. Mild MR. No AR.
- 7. No PAH. RVSP = 30 mmHG.
- 8. Intact IAS and IVS.
- 9. No Clot, No Vegetation.
- 10. No pericardial effusion.

### CONCLUSION

- Normal LV size with Good LV systolic function.
- 2. Mildly Dilated LA, Concentric LVH . Reduced LV Compliance.
- Trivial TR with No PAH. Mild MR. No AR.
- 4. No RWMA at rest.

This echo doesn't rule out any kind of congenital cardiac anomalies.

Dr Jinen M Shah DNB (Medicine)FCCS (USA)

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## X RAY CHEST PA

Both lung fields appear clear.

No evidence of any active infiltrations or consolidation.

Cardiac size appears within normal limits.

Both costo-phrenic angles appear free of fluid.

Both domes of diaphragm appear normal.

Bony thorax appears normal.

**COMMENT:** No significant abnormality is detected.

----- End of Report -----

Dr. Jaimin Shah

Cunsaltant Radiologist

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# **USG ABDOMEN**

Liver appears normal in size, show homogenous parenchymal echo. No evidence of focal solid or cystic lesion seen.

No evidence of dilatation of intra-hepatic billiary or portal radicals. PV is normal in caliber.

Gall bladder is normally distended. Show multiple calculi of 10 mm to 11 mm in sizes.

Gall bladder wall thickness appears normal.

Pancreas Visualized portion appears normal in size and echopattern. No evidence of focal lesions.

**Spleen** appears normal in size & normal in echopattern. No evidence of focal lesions.

Both kidneys are normal in size, shape and position. C.M. differentiation on both sides is maintained. No evidence of hydronephrosis, calculus or solid mass on either side.

Urinary bladder contour is normal, No evidence of calculus or mass.

**Prostate** is normal in size and show homogenous echo, outline is smooth.

No evidence of para-aortic lymph adenopathy.

No evidence of dilated small bowel loops.

No evidence of free fluid in peritoneal cavity.

### **COMMENTS:**

Gall bladder calculi.

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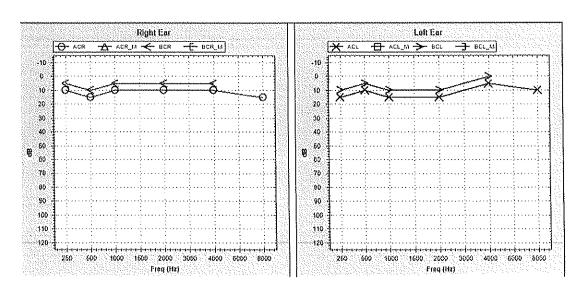


**CLIENT NAME:- UMANG TIGGA.** 

AGE:- 49Y/M

DATE: 27/11/2021

# **AUDIOGRAM**



MODE	Air Cor		1	onduction	Colour		RIGHT	LEFT
EAR	3	UnMasked		UnMasked			NOT1	LEFI
LEFT		X		>	Blue	AIR CONDUCTION	10.5	10.5
RIGHT	Δ	0	С	· (	Bod	BONE CONDUCTION		
NO RESPONSE: Add & below the respective symbols		ols	SPEECH					

### Comments:-

Bilateral Hearing Sensitivity Within Normal Limits.

