Name : Mr. VALLIMUTHU

PID No. : MED121694075

SID No. : 623004636

Age / Sex : 41 Year(s) / Male

Ref. Dr

: MediWheel

Register On

: 25/02/2023 10:26 AM

Collection On : 25/02/2023 10:46 AM

Report On Printed On

: 25/02/2023 1:55 PM

: 25/02/2023 3:35 PM

Type

: OP



Investigation	Observed Value	<u>Unit</u>	Biological Def
<u>IMMUNOHAEMATOLOGY</u>		21114	Biological Reference Interval
BLOOD GROUPING AND Rh TYPING (Blood /Agglutination)	d 'B' 'Positive'		
HAEMATOLOGY			
Complete Blood Count With - ESR			
Haemoglobin (Blood/Spectrophotometry)	17.11		
Packed Cell Volume(PCV)/Haematocrit (Blood/Derived from Impedance)	51.24	g/dL %	13.5 - 18.0 42 - 52
RBC Count (Blood/Impedance Variation)	05.49	ma:III/	1000000 (1000000)
Mean Corpuscular Volume(MCV) (Blood/ Derived from Impedance)	93.36	mill/cu.mm fL	4.7 - 6.0 78 - 100
Mean Corpuscular Haemoglobin(MCH) (Blood/Derived from Impedance)	31.18	pg	27 - 32
Mean Corpuscular Haemoglobin concentration(MCHC) (Blood/Derived from Impedance)	33.39	g/dL	32 - 36
RDW-CV(Derived from Impedance)	10.1		
RDW-SD(Derived from Impedance)	33.00	%	11.5 - 16.0
Total Leukocyte Count (TC) (Blood/ Impedance Variation)	6400	fL cells/cu.mm	39 - 46 4000 - 11000
Neutrophils (Blood/Impedance Variation & Flow Cytometry)	55.60	%	40 - 75
Lymphocytes (Blood/Impedance Variation & Flow Cytometry)	34.80	%	20 - 45
Eosinophils (Blood/Impedance Variation & Flow Cytometry)	04.90	%	01 - 06
Monocytes (Blood/Impedance Variation & Flow Cytometry)	04.00	%	01 - 10
Basophils (Blood/Impedance Variation & Flow Cytometry)	00.70	%	00 - 02
INTERPRETATION: Tests done on Automated F microscopically.	ive Part cell counter	. All abnormal resu	Its are reviewed and confirmed
Absolute Neutrophil count (Blood/ Impedance Variation & Flow Cytometry)	3.56		1.5 - 6.6
Absolute Lymphocyte Count (Blood/ Impedance Variation & Flow Cytometry)	2.23	10^3 / µl	1.5 - 3.5
Absolute Eosinophil Count (AEC) (Blood/ Impedance Variation & Flow Cytometry)	0.31	10^3 / µl	0.04 - 0.44
Absolute Monocyte Count (Blood/ Impedance Variation & Flow Cytometry)	0.26	10^3 / µІ	< 1.0

The results pertain to sample tested.

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Consultant Pathologist Reg NO: 95961

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Investigation Absolute Basophil count (Blood/Impedance Variation & Flow Cytometry)	Observed Value 0.04	<u>Unit</u> 10^3 / μΙ	Biological Reference Interval < 0.2
Platelet Count (Blood/Impedance Variation) MPV (Blood/Derived from Impedance) PCT(Automated Blood cell Counter) ESR (Erythrocyte Sedimentation Rate) (Blood/Automated ESR analyser)	257 08.06 0.21	10^3 / µl fL % mm/hr	150 - 450 7.9 - 13.7 0.18 - 0.28 < 15
BIOCHEMISTRY BUN / Creatinine Ratio Glucose Fasting (FBS) (Plasma - F/GOD-PAP)	8.9 83.8	mg/dL	Normal: < 100 Pre Diabetic: 100 - 125 Diabetic: >= 126

INTERPRETATION: Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level.

Glucose, Fasting (Urine) (Urine - F)

Negative

Negative

Glucose Postprandial (PPBS) (Plasma - PP/GOD-PAP)

97.4

mg/dL

70 - 140

INTERPRETATION:

Factors such as type, quantity and time of food intake, Physical activity, Psychological stress, and drugs can influence blood glucose level. Fasting blood glucose level may be higher than Postprandial glucose, because of physiological surge in Postprandial Insulin secretion, Insulin resistance, Exercise or Stress, Dawn Phenomenon, Somogyi Phenomenon, Anti- diabetic medication during treatment for Diabetes.

Urine Glucose(PP-2 hours) (Urine - PP)	Negative		Negative
Blood Urea Nitrogen (BUN) (Serum/Urease UV / derived)	9.2	mg/dL	7.0 - 21
Creatinine (Serum/Modified Jaffe) Üric Acid (Serum/Enzymatic) Liver Function Test	7.5	mg/dL mg/dL	0.9 - 1.3 3.5 - 7.2
Bilirubin(Total) (Serum) Bilirubin(Direct) (Serum/Diazotized Sulfanilic Acid)	0.92 0.29	mg/dL mg/dL	0.1 - 1.2 0.0 - 0.3
Bilirubin(Indirect) (Serum/Derived) SGOT/AST (Aspartate Aminotransferase) (Serum/Modified IFCC)	0.63 26.5	mg/dL U/L	0.1 - 1.0 5 - 40
SGPT/ALT (Alanine Aminotransferase) (Serum)	31.4	U/L	5 - 41
GGT(Gamma Glutamyl Transpeptidase) (Serum/IFCC / Kinetic)	29.1 3 3 3 3 7 6 2 8	U/L	< 55

B. Supraja DR SUPRAJA B MD Consultant Pathologist Reg NO: 95961

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The results pertain to sample tested.

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Investigation Alkaline Phosphatase (SAP) (Serum/ Modified IFCC)	Observed Value 73.6	<u>Unit</u> U/L	Biological Reference Interval
Total Protein (Serum/Biuret) Albumin (Serum/Bromocresol green) Globulin (Serum/Derived) A: G RATIO (Serum/Derived) Lipid Profile	7.26 4.10 3.16 1.30	gm/dL gm/dL gm/dL	6.0 - 8.0 3.5 - 5.2 2.3 - 3.6 1.1 - 2.2
Cholesterol Total (Serum/CHOD-PAP with ATCS)	130.9	mg/dL	Optimal: < 200 Borderline: 200 - 239 High Risk: >= 240
Triglycerides (Serum/GPO-PAP with ATCS)	98.1	mg/dL	Optimal: < 150 Borderline: 150 - 199 High: 200 - 499 Very High: >= 500

INTERPRETATION: The reference ranges are based on fasting condition. Triglyceride levels change drastically in response to food, increasing as much as 5 to 10 times the fasting levels, just a few hours after eating. Fasting triglyceride levels show evaluating the risk of heart disease and screening for metabolic syndrome, as non-fasting sample is more representative of the "usual" circulating level of triglycerides during most part of the day.

HDL Cholesterol (Serum/Immunoinhibition)	31.6	mg/dL	Optimal(Negative Risk Factor): >= 60 Borderline: 40 - 59 High Risk: < 40
LDL Cholesterol (Serum/Calculated)	79.7	mg/dL	Optimal: < 100 Above Optimal: 100 - 129 Borderline: 130 - 159 High: 160 - 189 Very High: >= 190
VLDL Cholesterol (Serum/Calculated)	19.6	mg/dL	< 30
Non HDL Cholesterol (Serum/Calculated)	99.3	mg/dL	Optimal: < 130 Above Optimal: 130 - 159 Borderline High: 160 - 189 High: 190 - 219 Very High: >= 220

INTERPRETATION: 1.Non-HDL Cholesterol is now proven to be a better cardiovascular risk marker than LDL Cholesterol. 2.lt is the sum of all potentially atherogenic proteins including LDL, IDL, VLDL and chylomicrons and it is the "new bad cholesterol" and is a co-primary target for cholesterol lowering therapy.

B. Supraja DR SUPRAJA B MD Consultant Pathologist Reg NO: 95961 Name : Mr. VALLIMUTHU

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Investigation Total Cholesterol/HDL Cholesterol Ratio (Serum/Calculated)	Observed Value 4.1	<u>Unit</u>	Biological Reference Interval Optimal: < 3.3 Low Risk: 3.4 - 4.4 Average Risk: 4.5 - 7.1 Moderate Risk: 7.2 - 11.0 High Risk: > 11.0
Triglyceride/HDL Cholesterol Ratio (TG/HDL) (Serum/Calculated)	3.1		Optimal: < 2.5 Mild to moderate risk: 2.5 - 5.0 High Risk: > 5.0
LDL/HDL Cholesterol Ratio (Serum/ Calculated)	2.5		Optimal: 0.5 - 3.0 Borderline: 3.1 - 6.0 High Risk: > 6.0
Glycosylated Haemoglobin (HbA1c)			
HbA1C (Whole Blood/Ion exchange HPLC by D10)	5.3	%	Normal: 4.5 - 5.6 Prediabetes: 5.7 - 6.4 Diabetic: >= 6.5

INTERPRETATION: If Diabetes - Good control: 6.1 - 7.0 %, Fair control: 7.1 - 8.0 %, Poor control >= 8.1 %

Estimated Average Glucose (Whole Blood)

105.41

mg/dL

INTERPRETATION: Comments

HbA1c provides an index of Average Blood Glucose levels over the past 8 - 12 weeks and is a much better indicator of long term glycemic control as compared to blood and urinary glucose determinations.

Conditions that prolong RBC life span like Iron deficiency anemia, Vitamin B12 & Folate deficiency,

hypertriglyceridemia,hyperbilirubinemia,Drugs, Alcohol, Lead Poisoning, Asplenia can give falsely elevated HbA1C values. Conditions that shorten RBC survival like acute or chronic blood loss, hemolytic anemia, Hemoglobinopathies,

Splenomegaly, Vitamin E ingestion, Pregnancy, End stage Renal disease can cause falsely low HbA1c.

<u>IMMUNOASSAY</u>

THYROID PROFILE / TFT

T3 (Triiodothyronine) - Total (Serum/ Chemiluminescent Immunometric Assay

1.24

ng/ml

0.7 - 2.04

INTERPRETATION:

Comment:

(CLIA))

Total T3 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T3 is recommended as it is Metabolically active.

T4 (Tyroxine) - Total (Serum/

µg/dl

4.2 - 12.0

Chemiluminescent Immunometric Assay (CLIA))

INTERPRETATION:

Comment:

Total T4 variation can be seen in other condition like pregnancy, drugs, nephrosis etc. In such cases, Free T4 is recommended as it is Metabolically active.

> Consultant Pathologist Reg NO: 95961

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The results pertain to sample tested.

Name : Mr. VALLIMUTHU

PID No. : MED121694075

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(CLIA))

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experts who care

Investigation TSH (Thyroid Stimulating Hormone) (Serum

Observed Value

0.18

Unit

Biological Reference Interval

µIU/mL

0.35 - 5.50

INTERPRETATION:

Reference range for cord blood - upto 20

/Chemiluminescent Immunometric Assay

1 st trimester: 0.1-2.5 2 nd trimester 0.2-3.0 3 rd trimester : 0.3-3.0

(Indian Thyroid Society Guidelines)

Comment:

1.TSH reference range during pregnancy depends on Iodine intake, TPO status, Serum HCG concentration, race, Ethnicity and

2.TS닝 Levels are subject to circadian variation, reaching peak levels between 2-4am and at a minimum between 6-10PM.The variation can be of the order of 50%,hence time of the day has influence on the measured serum TSH concentrations. 3. Values&lt;0.03 µIU/mL need to be clinically correlated due to presence of rare TSH variant in some individuals.

CLINICAL PATHOLOGY

Urine Analysis - Routine

Colour (Urine) Appearance (Urine)	Pale Yellow Slightly Turbic	1	Yellow to Amb	er
Protein (Urine)	Trace		Negative	
Glucose (Urine)	Negative		Negative	
Pus Cells (Urine)	4-6	/hpf	NIL	
Epithelial Cells (Urine)	3-4	/hpf	NIL	٠
RBCs (Urine)	Nil	/hpf	NIL	

-- End of Report --

Consultant Pathologist Reg NO: 95961

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The results pertain to sample tested.



Customer Name	MR.VALLIMUTHU	Customer ID	MED121694075
Age & Gender	41Y/MALE	Visit Date	25/02/2023
Ref Doctor	MediWheel	•	

Thanks for your reference

REAL - TIME 2D & 4D ULTRASOUND DONE WITH VOLUSON 730 EXPERT . SONOGRAM REPORT WHOLE ABDOMEN

Liver:

The liver is normal in size. Parenchymal echoes are increased in intensity. No focal lesions. Surface is smooth. There is no intra or extra hepatic biliary ductal dilatation.

Gallbladder: The gall bladder is normal sized and smooth walled and contains no calculus.

Pancreas:

The pancreas shows a normal configuration and echotexture.

The pancreatic duct is normal.

Spleen:

The spleen is normal.

Kidneys:

The right kidney measures 9.9 x 4.2 cm. Normal architecture.

The collecting system is not dilated.

The left kidney measures 9.8 x 4.5 cm. Normal architecture.

The collecting system is not dilated.

Calculus of size 4 mm noted in lower pole left kidney.

Urinary

bladder:

The urinary bladder is smooth walled and uniformly transonic.

There is no intravesical mass or calculus.



Customer Name	MR.VALLIMUTHU	Customer ID	MED121694075
Age & Gender	41Y/MALE	Visit Date	25/02/2023
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Prostate:

The prostate measures 3.3 x 2.8 x 2.8 cm and is normal sized.

Corresponds to a weight of about 13.99 gms.

The echotexture is homogeneous. The seminal vesicles are normal.

RIF:

Iliac fossae are normal.

No mass or fluid collection is seen in the right iliac fossa.

The appendix is not visualized.

There is no free or loculated peritoneal fluid.

No para aortic lymphadenopathy is seen.

IMPRESSION:

Grade I fatty liver.

> Left renal calculus.

DR. J. VINOLIN NIVETHA, M.D.R.D.,

Consultant Radiologist.

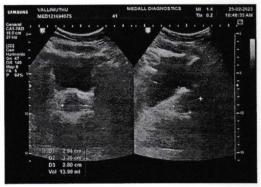
Reg. No: 115999.

Medall Healthcare Pvt Ltd 10/5,HARSHA COMPLEX, NORTH BYE PASS ROAD,Vannarapetai,Tirunelveli-627003



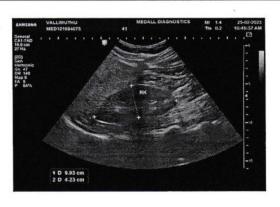
Customer Name	MR.VALLIMUTHU	Customer ID	MED121694075
Age & Gender	41Y/MALE	Visit Date	25/02/2023
Ref Doctor	MediWheel		







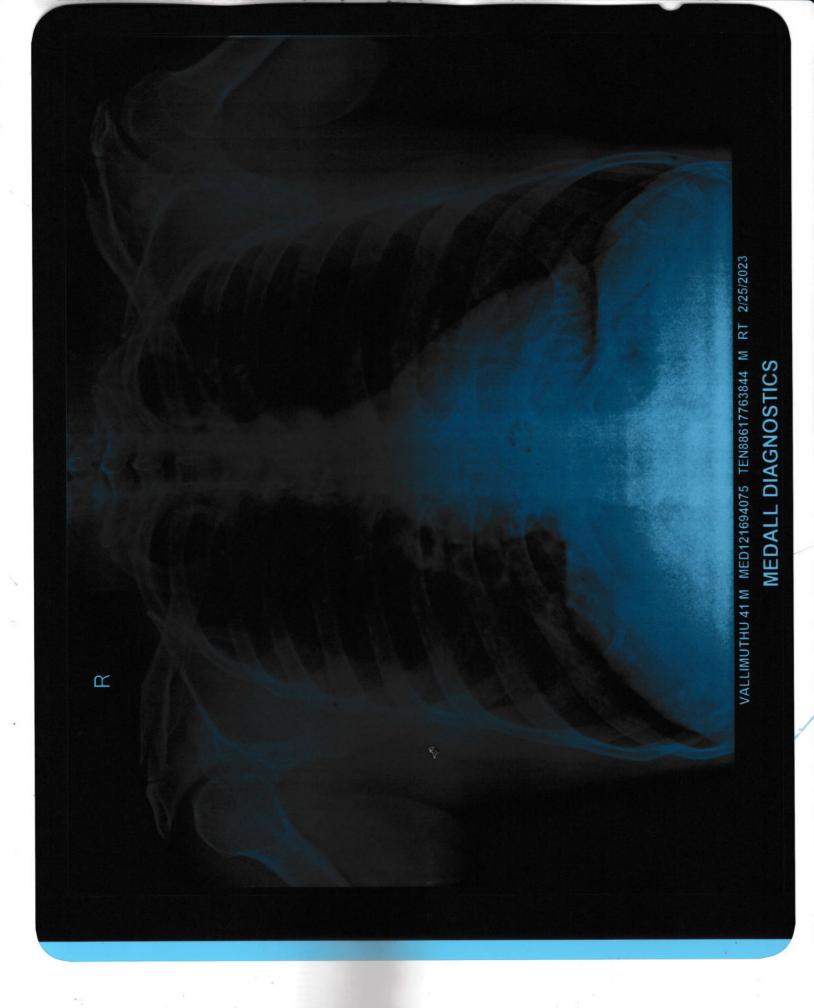














Customer Name	MR.VALLIMUTHU	Customer ID	MED121694075
Age & Gender	41Y/MALE	Visit Date	25/02/2023
Ref Doctor	MediWheel	7.2010 2010	20/02/2020

Thanks for your reference

DIGITAL X- RAY CHEST PA VIEW

Trachea appears normal.

Cardiothoracic ratio is within normal limits.

Bilateral lung fields appear normal.

Costo and cardiophrenic angles appear normal.

Visualised bony structures appear normal.

Extra thoracic soft tissues shadow grossly appears normal.

IMPRESSION:

NO SIGNIFICANT ABNORMALITY DEMONSTRATED.

DR. J. VINOLIN NIVETHA, M.D.R.D.,

J. Vill

Consultant Radiologist Reg. No: 115999





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Thanks for your reference

ECHOCARDIOGRAM WITH COLOUR DOPPLER:

LVID d ... 5.1cm LVID s ... 3.0 cm EF ... 72% IVS ...0.8 cm IVS s ... 0.9 cm LVPW d ... 0.6 cm LVPW s ... 1.2cm LA ... 2.9cm AO ... 2.6cm **TAPSE** ... 23mm **IVC** ... 0.8cm

Left ventricle, Left atrium normal.

Right ventricle, Right atrium normal.

No regional wall motion abnormality present.

Mitral valve, Aortic valve, Tricuspid valve & Pulmonary valve normal.

Aorta normal.

Inter atrial septum intact.

Inter ventricular septum intact.

No pericardial effusion .





MR.VALLIMITETT		
41Y/MALE	Customer ID	MED121694075 25/02/2023
	Visit Date	
	MR.VALLIMUTHU 41Y/MALE MediWheel	41Y/MALE Customer ID

Doppler:

Mitral valve : E: 0.88 m/s

A: 0.73 m/s

E/A Ratio: 1.21

E/E: 7.95

Aortic valve: AV Jet velocity: 1.50 m/s

Tricuspid valve: TV Jet velocity: 2.20 m/s

TRPG: 19.37 mmHg.

Pulmonary valve: PV Jet velocity:1.74 m/s

IMPRESSION:

1. Normal chambers & Valves.

- 2. No regional wall motion abnormality present.
- 3. Normal LV systolic function.
- 4. Pericardial effusion Nil.

5. No pulmonary artery hypertension.

Dr. S. MANIKANDAN. MD.DM.(Cardio)
Cardiologist



Medall Healthcare Pvt Ltd 10/5, HARSHA COMPLEX, NORTH BYE PASS ROAD, Vannarapetai, Tirunelveli-627003

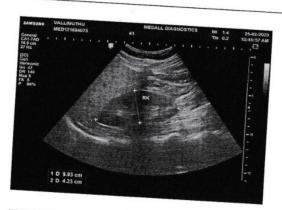
Customer Name	MD WAY TO		experts who care
o a actidet	MR.VALLIMUTHU 41Y/MALE	Customer ID	1500
Ref Doctor	MediWheel	Visit Date	MED121694075
			25/02/2023

















MEDICAL EXAMINATION REPORT vallimenthy Name Gender M/F Date of Birth Position Selected For Identification marks A. HISTORY: 1. Do you have, or are you being treated for, any of the following coeditions? (please tick all that apply)? Anxiety Cancer High Blood Pressure **Arthritis** Depression/ bipolar disorder High Cholesterol Asthama, Bronchitis, Emphysema **Diabetes** Migraine Headaches Back or spinal problems Heart Disease Sinusitis or Allergic Rhinitis **Epilepsy** (Hay Fever) Any other serious problem for which you are receiving medical attention 2. List the medications taken Regularly. 3 3. List allergies to any known medications or chemicals 4. Alcohol: Occasional 5. Smoking: Yes Quit(more than 3 years) 6. Respiratory Function: a. Do you become unusually short of breath while walking fast or taking stair - case? b. Do you usually cough a lot first thing in morning? c. Have you vomited or coughed out blood? Yes 7. Cardiovascular Function & Physical Activity: Exercise Type: (Select 1) No Activity Very Light Activity (Seated At Desk, Standing) Light Activity (Walking on level surface, house cleaning) Moderate Activity (Brisk walking, dancing, weeding) · o Vigrous Activity (Soccer, Running) b. Exercise Frequency: Regular (less than 3 days/ week) / Irregular (more than 3 days/ Week) c. Do you feel pain in chest when engaging in physical activity? 8. Hearing: a. Do you have history of hearing troubles? Yes b. Do you experiences ringing in your ears? Yes c. Do you experience discharge from your ears? Yes d. Have you ever been diagnosed with industrial deafness? Yes 9. Musculo - Skeletal History a. Neck: Have you ever injured or experienced pain? Yes b. Back: If Yes; approximate date (MM/YYYY) c. Shoulder, Elbow, Writs, Hands Consulted a medical professional? Yes d. Hips, Knees, Ankles, Legs Resulted in time of work? Yes Surgery Required? Yes No Ongoing Problems ? Yes No

	10. Function History					
	c. Do you have back d. Do you have pain e. Do you have pain appropriate respon •Walking: Yes . N •Climbing: Yes . N	or discomfort when lifting or pain when squatting or to pain when forwarding or to or difficulty when lifting object on when doing any of the ase) No Kneeling: Sitting: Bending:	eeling? wisting? ects above your shoulder following for prolonged Yes No Yes No Yes No	Yes No		
	g. Do you experience	any difficulty operating ma	chinery?	Yes No		
	 h. Do you have difficul 	ty operating computer inst	rument?	Yes No		
В	. CLINICAL EXAMINATIO			Paules; 92		
	a. Height 165	b. Weight 80.6	Blood Pressure			
	Chest measurements:	a. Normal	b. Expanded	1531 93 mmhg		
	Waist Circumference		Ear, Nose & Throat			
	Skin		Respiratory System			
	Vision		Nervous System			
	Circulatory System	_	Genito- urinary System			
	Gastro-intestinal System	-	Colour Vision			
	Discuss Particulars of Section B :-					
C.	REMARKS OF PATHOLO	GICAL TESTS:				
	Chest X -ray		ECG			
	Complete Blood Count		Urine routine			
	Serum cholesterol	~	Blood sugar			
	Blood Group		S.Creatinine			
D.	Any further investigation		*			
	Any further investigations rec	Juired	Any precautions suggest	ed		
	_					
E	FITNESS CERTIFICATION	1				
(Certified that the above nan	ned recruit does not				
	Certified that the above nan or otherwise, constitution	and recruit does not app	ear to be suffering from	any disease communicable		
	soliditational weakness or bodily informity except					
1 5	. I do not consider this as disqualification for employment in the Company. S					
	Candidate is free from Contagious/Communicable disease					
	—— disease					
			2.			

Date: 27.2.23

Signature of Medical Adviser