AARTHI DIAGNOSTICS

CHAIN OF AFFORDABLE DIAGNOSTIC CENTRES

Patient	: **JAI SHANKAR PANDEY**	
Age / Sex	: 28 Y / Male	
Referrer	: CHINMAYA MISSION HOSPITAL	
Branch	: INDIRANAGAR	

SID No.	: **25008898**
Reg Date & Time	: 22/07/2019 17:25:49
Coll Date & Time	: 22/07/2019 19:34:36
Report Date & Time	: 23/07/2019 11:56:56

INVESTIGATION / METHOD	RESULT	UNITS	BIOLOGICAL REFERENCE INTERVAL
HAEMATOLOGY			
ANYTIME FULL BODY MASTER HEALTH CHECKUP-I			
HAEMOGRAM.			
Total WBC Count (Method : WB/Automated) (Specimen: EDTA WHOLE BLOOD)	10300	cells/cumm	4000 - 11000
DIFFERENTIAL COUNT(DC):EDTA WHOLE BLOOD (Optical(light scatter)Microscopy)			
Neutrophils (Specimen: EDTA WHOLE BLOOD)	67	%	40-80
Lymphocytes (Specimen: EDTA WHOLE BLOOD)	25	%	20-40
Monocytes (Specimen: EDTA WHOLE BLOOD)	6	%	2 - 10 %
Eosinophils (Specimen: EDTA WHOLE BLOOD)	2	%	1-6
Basophils (Specimen: EDTA WHOLE BLOOD)	0	%	< 1 - 2 %
RBC (Red Blood Cell Count) (Method : WB/Automated) (Specimen: EDTA WHOLE BLOOD)	5.16	Million/cmm	4.2-6.1
Haemoglobin (Method : WB/Automated) (Specimen: EDTA WHOLE BLOOD)	15.4	gms/dl	13-17
PCV -(Haematocrit-Packed Cell Volume) (Method : WB/Automated) (Specimen: EDTA WHOLE BLOOD)	46.2	%	40-50
MCV (Mean Corpuscular Volume) (Method : WB/Automated) (Specimen: EDTA WHOLE BLOOD)	89.5	fl	80 - 96
MCH (Mean Corpuscular Hemoglobin) (Specimen: EDTA WHOLE BLOOD)	29.9	pg	27 - 32
MCHC (Mean Corpuscular Hemoglobin Concentration) (Method : WB/Automated) (Specimen: EDTA WHOLE BLOOD)	33.0	%	32 - 36
RDW-CV(Red Cell Distribution Width-CV) (Specimen: EDTA WHOLE BLOOD)	13	%	11.6-14.0
Platelet Count (Method : WB/Automated) (Specimen: EDTA WHOLE BLOOD)	2.89	Lakhs/cumm	1.5-4.1

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MPV (Mean Platelet Volume) (Specimen: EDTA WHOLE BLOOD)	10	fl	6.5-12.0
Absolute Neutrophil Count (Specimen: EDTA WHOLE BLOOD)	6900	cells/cumm	2000 - 7000
Absolute Lymphocyte Count (Specimen: EDTA WHOLE BLOOD)	2600	cells/cumm	1000 - 3000
Absolute Eosinophil Count (Method : WB/Automated) (Specimen: EDTA WHOLE BLOOD)	200	cells/cumm	20 - 500
Absolute Monocytes Count (Specimen: EDTA WHOLE BLOOD)	600	cells/cumm	200-1000
Absolute Basophils Count (Specimen: EDTA WHOLE BLOOD)	100	cells/cumm	20-100

Notes : *Patients with high triglycerides in random sample are advised to recheck after 2-3 weeks in fasting state.

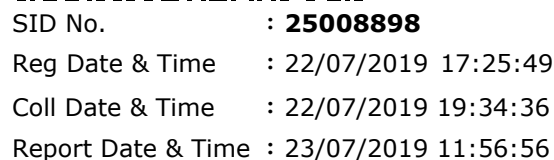## BIOCHEMISTRY

ANYTIME FULL BODY MASTER HEALTH CHECKUP-I

Glycosylated HbA1c With Graph
(HPLC)

HbA1c (Method :HPLC) (Specimen: EDTA WHOLE BLOOD)	5.7	%	Non-Diabetic Level: < 5.7% Pre Diabetic :5.7-6.4% Diabetic Level :>=6.5% Goal :7.0%
Mean Blood Glucose Level (Specimen: EDTA WHOLE BLOOD)	116.89	mg/dl	

The A1C test results reflects your average blood sugar level for the past two to three months.It is a better reflection of how well your diabetes treatment plan is working overall.
A committee of experts from the American Diabetes Association recommend that the A1C test be the primary test used to diagnose prediabetes, type 1 diabetes and type 2 diabetes.

GLUCOSE (R) (Method : HEXOKINASE) (Specimen: FLUORIDE PLASMA)	132	mgs/dl	60-140
Blood Urea Nitrogen(BUN) (Method : Urease/GLDH) (Specimen: SERUM)	9.0	mg/dl	6-20
CREATININE (Method : Creatinine amidohydrolase) (Specimen: SERUM)	**0.6**	mg/dl	0.7-1.3

JAYA NAGAR
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INVESTIGATION / METHOD	RESULT	UNITS	BIOLOGICAL REFERENCE INTERVAL
URIC ACID (Method : Uricase) (Specimen: SERUM)	6.3	mg/dl	3.5-7.2
BUN/Creatinine Ratio (Specimen: SERUM)	15.0	Ratio	9:1-23:1
LIPID PROFILE			
CHOLESTEROL (Method : Cholesterol Oxidase,esterase,Peroxidase) (Specimen: SERUM)	**211.0**	mgs/dl	Desirable :<200 Boderline high :200-239 High :>240
HDL CHOLESTEROL (Method : Direct) (Specimen: SERUM)	**37.3**	mgs/dl	>40
LDL CHOLESTEROL (Method : Direct) (Specimen: SERUM)	**156**	mgs/dl	Optimal :<100 Near Optimal/above Optimal:100-129 Borderline high :132-159 High :159-189 VeryHigh :>190
TRIGLYCERIDES (Method : Lipase/Glycerol Dehydrogenase) (Specimen: SERUM)	143.6	mgs/dl	Normal :<150 mg/dl Boderline high:150-199 mg/dl High :200-499 mg/dl very high :>500 mg/dl
VLDL CHOLESTEROL (Method : Calculation) (Specimen: SERUM)	28.7	mgs/dl	10 - 40
Non-HDL Cholesterol (Specimen: SERUM)	173.7		<160 mg/dl
CHO / HDL RATIO (Method : Calculation) (Specimen: SERUM)	**5.7**	Ratio	Optimal<3.5 Goal <5.0
LDL/HDL RATIO (Specimen: SERUM)	**4.2**	Ratio	1.5-3.5
TGL/HDL Ratio (Method : Calculated) (Specimen: SERUM)	**3.8**		Ideal :<2.0 High risk :>4.0 Very high risk:6.0
LIVER FUNCTION TEST			
BILIRUBIN TOTAL (Method : Diazo) (Specimen: SERUM)	1.03	mgs/dl	0.3-1.2

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BILIRUBIN DIRECT (Method : Diazo) (Specimen: SERUM)	0.16	mgs/dl	<0.2
BILIRUBIN INDIRECT (Method : Diazo) (Specimen: SERUM)	0.87	mgs/dl	0.2 - 0.9
Serum Glutamic Oxaloacetic Transaminase(SGOTorAST) (Method : IFCC) (Specimen: SERUM)	**37.8**	U/L	<35
Serum Glutamic Pyruvic Transaminase(SGPT or ALT) (Method : IFCC) (Specimen: SERUM)	39.0	U/L	<45
ALKALINE PHOSPHATASE (Method : AMP) (Specimen: SERUM)	**158.7**	U/L	53-128
GAMMA GT (Method : Glutamyltransferase) (Specimen: SERUM)	29.8	U/L	MALE : Less than 55 FEMALE : Less than 38
TOTAL PROTEIN (Method : Biuret) (Specimen: SERUM)	7.61	gms/dl	6.4-8.3
ALBUMIN (Specimen: SERUM)	4.20	gms/dl	3.5-5.2
GLOBULIN (Method : Calculation) (Specimen: SERUM)	3.41	gms/dl	2.3 - 3.5
A/G RATIO (Specimen: SERUM)	1.2		0.8-2.0
AST/ALT (Method : Calculated) (Specimen: SERUM)	1.0		

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INVESTIGATION / METHOD	RESULT	UNITS	BIOLOGICAL REFERENCE INTERVAL
CLINICAL PATHOLOGY			
ANYTIME FULL BODY MASTER HEALTH CHECKUP-I			
URINE COMPLETE ANALYSIS (FULLY AUTOMATED)			
METHOD - Automated Reflectance Spectrometre			
PHYSICAL EXAMINATION			
COLOUR (Method :Automated Reflectance Spectrometere) (Specimen: URINE)	Yellow		Pale Yellow
CLARITY (Method :Automated Reflectance Spectrometere) (Specimen: URINE)	Slightly Cloudy		
CHEMICAL EXAMINATION			
PH (Method :Automated Reflectance Spectrometere) (Specimen: URINE)	5.5		4.6 - 8.0
REACTION (Specimen: URINE)	Acidic		Acidic
SPECIFIC GRAVITY (Method :Automated Reflectance Spectrometere) (Specimen: URINE)	1.016		
SUGAR-URINE(F) (Method :Automated Reflectance Spectrometere) (Specimen: URINE)	NIL		Nil
ALBUMIN (Method :Automated Reflectance Spectrometere) (Specimen: URINE)	NIL		Negative
NITRITE (Method :Automated Reflectance Spectrometere) (Specimen: URINE)	Negative		
ACETONE (Method :Automated Reflectance Spectrometere) (Specimen: URINE)	Negative		Negative
BILE PIGMENT&BILE SALT (Method :Automated Reflectance Spectrometere) (Specimen: URINE)	Negative		Absent
UROBILLINOGEN (Method :Automated Reflectance Spectrometere) (Specimen: URINE)	Normal	µmol/L	

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INVESTIGATION / METHOD	RESULT	UNITS	BIOLOGICAL REFERENCE INTERVAL
BLOOD (Method :Automated Reflectance Spectrometere) (Specimen: URINE)	Absent		

MICROSCOPIC EXAMINATION

INVESTIGATION / METHOD	RESULT	UNITS	BIOLOGICAL REFERENCE INTERVAL
PUS CELLS (Method :Microscopic Imaging-dual focus mechanism) (Specimen: URINE)	3-5/hpf		0-5/hpf
EPITHELIAL CELLS (Method :Microscopic Imaging-dual focus mechanism) (Specimen: URINE)	2-3/hpf		0-5/hpf
RBC'S (Method :Microscopic Imaging-dual focus mechanism) (Specimen: URINE)	NIL		0-2/hpf
CRYSTALS (Method :Microscopic Imaging-dual focus mechanism) (Specimen: URINE)	NIL		Absent
HYALINE CASTS (Method :Microscopic Imaging-dual focus mechanism) (Specimen: URINE)	NIL		0-2 hyaline cast /lpf
PATHOLOGICAL CAST (Method :Microscopic Imaging-dual focus mechanism) (Specimen: URINE)	NIL		
BACTERIA (Method :Microscopic Imaging-dual focus mechanism) (Specimen: URINE)	NIL		None
YEAST (Method :Microscopic Imaging-dual focus mechanism) (Specimen: URINE)	NIL		None
SPERMS (Method :Microscopic Imaging-dual focus mechanism) (Specimen: URINE)	NIL		Absent
MUCUS (Method :Microscopic Imaging-dual focus mechanism) (Specimen: URINE)	NIL		Absent

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IMMUNOLOGY			
ANYTIME FULL BODY MASTER HEALTH CHECKUP-I			
THYROID PROFILE TEST - TOTAL			
Total-T3 (Triiodothyronine-T3) (Method : CLIA) (Specimen: SERUM)	138.7	ng/dl	70-204
Total-T4 (Thyroxine T4) (Method : CLIA) (Specimen: SERUM)	10.4	ug/dl	4.6-10.5
TSH (Thyroid-stimulating hormone) (Method : CLIA) (Specimen: SERUM)	1.55	uIU/ml	0.4-4.5 Pregnancy: 1st Trimester:0.3-4.5 2nd Trimester:0.5-5.6 3rd Trimester:0.8-5.2

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— **End of the Report** —

Dr.SUJOY SUKLADAS MD.,
Clinical Pathologist