

NAME	: MR.VEMBIAH.S	REFERRED BY	: SELF
ID	: CTHC-62364	ORDERED ON	: 17/06/2021 07:04
AGE	: 72 years 8 months	COLLECTED ON	: 17/06/2021 07:15
GENDER	: M	REPORTED ON	: 17/06/2021 11:56

SPECIMEN	TEST NAME	RESULT	UNITS	REFERENCE RANGE
DEPARTMENT OF HAEMATOLOGY				
COMPLETE BLOOD COUNT- CBC				
BLOOD (EDTA)	TOTAL WBC COUNT (TC) (Method: Fluorescent Flow Cytometry)	9600	Cells/Cumm	4500 - 11000 Cells/Cumm
	DIFFERENTIAL COUNT - DC (Method: Microscopic)			
	Polymorphs	76	%	40 - 70 %
	Lymphocyte	18	%	20 - 40 %
	Eosinophils	04	%	1 - 7 %
	Monocytes	02	%	2 - 7 %
	Basophils	00	%	< 1 %
	HAEMOGLOBIN - HB (Method: Photometry)	16.2	gm/dl	14 - 18 gm/dl
	PACKED CELL VOLUME - PCV (Method: Electrical Impedance)	48.4	%	40 - 54 %
	RED BLOOD CELL COUNT - RBC (Method: Electrical Impedance)	4.64	million/cumm	4.5 - 6.2 million/cumm
	PLATELET COUNT (Method: Electrical Impedance)	320000	Cells/Cumm	150000 - 450000 Cells/Cumm
	MEAN CORPUSCULAR VOLUME - MCV (Method: Calculated)	104.31	fl	82 - 98 fl
	MEAN CORPUSCULAR HAEMOGLOBIN - MCH (Method: Calculated)	34.91	pg	26 - 34 pg

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	MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION - MCHC (Method: Calculated)	33.4	g/dL	30 - 35 g/dL
	Red blood cell Distribution Width - RDW	16.8	%	10.0 - 15.0 %
	Platelet Distribution Width - PDW	11.4	%	10 - 18 %
	Mean Platelet Volume - MPV	9.5	fL	6.5 - 11.0 fL
	Plateletcrit - PCT	0.302	%	0.100 - 0.500 %

DEPARTMENT OF BIOCHEMISTRY

FLUORIDE PLASMA	GLUCOSE - FASTING (Method: Hexokinase)	114.08	mg/dl	82 - 115 mg/dl
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DEPARTMENT OF BIOCHEMISTRY

RENAL FUNCTION TEST

SERUM	UREA (Method: Kinetic - Urease & GLDH)	21.36	mg/dl	16.6 - 48.5 mg/dl
	CREATININE (Method: Colorimetric : Jaffe)	0.7	mg/dl	0.7 - 1.2 mg/dl
	URIC ACID (Method: Enzymatic Colorimetric : Uricase/Peroxidase)	3.7	mg/dl	3.4 - 7.0 mg/dl

LIPID PROFILE

	CHOLESTEROL TOTAL (Method: Enzymatic : CHOD - POD)	187.34	mg/dl	Desirable: < 200 mg/dl Borderline: 200 - 239 mg/dl High: > 240 mg/dl
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INTERPRETATION

C.R.I. TRUST HEALTHCARE

Unit of C.R.I. Charitable Trust

202-A, Sathy Road, Saravanampatti, Coimbatore - 641 035. Tamilnadu. Ph : 0422 7110000

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<i>Note: Above Biological interval is based on 9 to 12 hours fasting</i>				
	TRIGLYCERIDES (Method: Glycerol-3-phosphate oxidase-PAP)	172.68	mg/dl	Desirable: < 150 mg/dl Borderline: 150 - 199 mg/dl High: > 200 mg/dl
INTERPRETATION				
<i>Note: Above Biological interval is based on 9 to 12 hours fasting</i>				
	HDL CHOLESTEROL (Method: Homogeneous enzymatic, Colorimetric)	38.98	mg/dl	Male(No Risk): > 55 mg/dl Male(Moderate Risk): 35 - 55 mg/dl Male(High Risk): < 35 mg/dl
	LDL CHOLESTEROL (Method: Calculation)	113.82	mg/dl	Optimal: < 100 mg/dl Above Optimal: 100 - 129 mg/dl Border Line: 130 - 159 mg/dl Moderate Risk: 160 - 189 mg/dl High Risk: > 190 mg/dl
	VLDL CHOLESTEROL (Method: Calculation)	34.54	mg/dl	10 - 35 mg/dl
	CHOLESTEROL / HDL Ratio (Method: Calculation)	4.81	ratio	Optimal: < 3.5 ratio Goal: < 5.0 ratio
	Non HDL - CHOLESTEROL	148.36	mg/dl	< 130 mg/dl
	TGL/HDL Ratio (Method: Calculation)	4.43	ratio	Ideal: < 2.0 ratio High Risk: > 4.0 ratio Very High Risk: > 6.0 ratio
	LDL/HDL Ratio (Method: Calculation)	2.92	ratio	1.5 - 3.5 ratio

--- End of the Report ---

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Verified By:
Meenakshi.A

Approved By
 R.Naveen Kumar.,M.Sc (Biochem).,
 A.D.C.L.S
 Chief Biochemist

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