



ಕಾರವಾರ ವೈದ್ಯಕೀಯ ವಿಜ್ಞಾನಗಳ ಸಂಸ್ಥೆ, ಕಾರವಾರ.
Karwar Institute of Medical Sciences, Karwar
 Mahatma Gandhi Road, Karwar, Karnataka - 581301



HEMATOLOGY & CLINICAL PATHOLOGY REPORT

Name of Patient : Usha ; Age/Sex : 49y/f ; UHID : - ; Ward : -
 Dept/Unit : Dialysis ; IP/OP No.: 86409 ; Ref. Dr: - ; Sample ID : 50896

COMPLETE BLOOD COUNT

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE VALUE	METHOD
Hb %	<u>9.9</u>	gm/dl	ADULT MALE: 12.3-17; ADULT FEMALE: 9.9-14.3	SLS-Hemoglobin
WBC count	<u>5,500</u>	/cu mm	ADULT MALE: 4.2-9.8; ADULT FEMALE: 4.0-10.4	Flow-cytometry
Neutrophil		%	ADULT MALE: 42-74; ADULT FEMALE: 44-75	Diff Scattergram
Lymphocyte		%	ADULT MALE: 18-45; ADULT FEMALE: 18-45	Diff Scattergram
Monocyte		%	ADULT MALE: 2-10; ADULT FEMALE: 2-9	Diff Scattergram
Eosinophil		%	ADULT: 1-8	Diff Scattergram
Basophil		%	ADULT MALE: 0-1; ADULT FEMALE: 0-1	Diff Scattergram
Others	-			%
Platelet count	<u>1.64</u>	lakh/cu mm	ADULT MALE: 1.3-3.8; ADULT FEMALE: 1.3-4.2	Flow-cytometry
Hematocrit	<u>28.9</u>	%	ADULT MALE: 37-51; ADULT FEMALE: 30-43	RBC pulse height
MCV	<u>80.2</u>	fl	ADULT MALE: 78-97; ADULT FEMALE: 72-96	Calculated
MCH	<u>27.4</u>	pg	ADULT MALE: 26-33; ADULT FEMALE: 23-32	Calculated
MCHC	<u>34.2</u>	g/dl	ADULT MALE: 31-36; ADULT FEMALE: 30-35	Calculated
RDW	<u>14.8</u>	%	ADULT MALE: 11.6-14.4; ADULT FEMALE: 11.7-14.4	RBC scattergram
RBC count	<u>3.60</u>	million/cu mm	ADULT MALE: 4.5-5.5; ADULT FEMALE: 3.5-5.2	Flow-cytometry
ESR	-	mm/1 st Hour	ADULT MALE: 2-22; ADULT FEMALE: 4-55	Westergren
Absolute Eosinophil Count	-	/cu mm	ADULT: 40-440	Diff Scattergram
Blood grouping	-			Slide method
Reticulocyte count	-			Microscopy
Bleeding Time	-	min	ADULT: 2-9 minutes	
Clothing Time	-	min	ADULT: 4-11 minutes	

Note : Laboratory Test results are for the information of referring clinician only. The laboratory test results should be interpreted along with relevant clinical details.

Date : 02/08/2024

Tech Sign: [Signature]

Pathologist Sign: [Signature]



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KARWAR INSTITUTE OF MEDICAL SCIENCES, KARWAR



DEPARTMENT OF BIOCHEMISTRY / ಜೀವ ರಸಾಯನಶಾಸ್ತ್ರ ವಿಭಾಗ

Name: Usha

OP/IP No. 86409

Lab Ref No. 147/50896

Age: 49 Sex: Male/Female

Ward / Unit: -

Receipt No.:

Specimen Received: -

Ref. Dr.: -

Date: 02/08/24

CLINICAL BIOCHEMISTRY REPORT / ಚಿಕಿತ್ಸಾ ಜೀವರಸಾಯನಶಾಸ್ತ್ರ ದ ವರದಿ

Analyte	Measured Value	Reference Interval
Routine Chemistry	*	
Glucose (FBS)		75 - 110 mg/dl
PPES		UPTO 140 mg/dl
FBS	128.4	< 150 mg/dl
HbA1c (Gly Hb) (Immuno-turbidimetry)		Non-Diabetic (NGSP) - 4-6%
HbA1c (Gly Hb) (Nephelometry)		Non-Diabetic (NGSP) - 4.6 - 6.2%
		Prediabetic/High risk : 5.7 - 6.4%
		Diabetic adult > 6.5%
		* Good control : <7%
		* Insufficient control : >8%
Blood Urea	22.0	15-40 mg/dl
Creatinine	6.94	0.7- 1.4 mg/dl
Uric Acid (a)	8.8	M : 3.5 - 7.2, F : 2.6 - 6.0 mg/dl
G.T.T. (Pregnancy)		
Fasting		Up to 92 mg/dL
1 hr		Up to 180 mg/dL
2 hr		Up to 153 mg/dL
G.T.T. (Routine)		
Fasting		74 - 106 mg/dL
1 hr		120 - 170 mg/dL
2 hr		70 - 120mg/dL
Electrolytes		
Sodium	137	135 - 145 mEq/L
Potassium	3.7	3.5-5.0 mEq/L
Chloride	106	95 - 108 mEq/L
Bicarbonate		24-28 mEq/L
Lipid Profile		
Total Cholesterol		130-250 mg/dL
Triglycerides		upto 160 mg/dL
HDL		Male : 30 - 55, Female : 46 - 65 mg/dL
LDL		70-165 mg/dL
VLDL		15-40 mg/dL
Liver Profile		
Bilirubin Total	0.86	0.2-1.1 mg/dL
Bilirubin Direct	0.07	UP to 0.3 mg/dL
SGOT	7.4	15 - 37 U/L
SGPT	6.0	30 - 65 U/L
Alkaline Phosphatase		Children (3 - 5 yrs) : 104 - 390 IU/L
	H.P	Adults : 25 - 147 IU/L
		M : 15 - 85 : F:5 - 55 U/L
GGT		
Total Protein	7.05	6.4 - 8.3 g/dL
Albumin	3.35	3.5 - 5.1 g/dL
A : G ratio	0.9	1.0 - 2.3