



ಕರ್ವಾರ ವೈದ್ಯಕೀಯ ವಿಜ್ಞಾನಗಳ ಸಂಸ್ಥೆ, ಕರ್ವಾರ.

Karwar Institute of Medical Sciences, Karwar

Mahatma Gandhi Road, Karwar, Karnataka - 581301



HEMATOLOGY & CLINICAL PATHOLOGY REPORT

Name of Patient : Manjunath, S ; Age/Sex : 61M ; UHID : _____ ; Ward Dialysis
 Dept/Unit : _____ ; IP/OP No. : 6966 ; Ref. Dr. : _____ ; Sample ID : 76769

COMPLETE BLOOD COUNT

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE VALUE	METHOD
Hb %	11.2	gvdll	ADULT MALE: 12.3-17, ADULT FEMALE: 9.9-14.3	SLS-Hemoglobin
WBC count	6,600	/cu mm	ADULT MALE: 4.2-9.8, ADULT FEMALE: 4.0-10.4	Flow-cytometry
Neutrophil	52	%	ADULT MALE: 42-74, ADULT FEMALE: 44-75	Diff Scattergram
Lymphocyte	24	%	ADULT MALE: 18-45, ADULT FEMALE: 18-45	Diff Scattergram
Monocyte	10	%	ADULT MALE: 2-10, ADULT FEMALE: 2-9	Diff Scattergram
Eosinophil	14	%	ADULT: 1-8	Diff Scattergram
Basophil	00	%	ADULT MALE: 0-1, ADULT FEMALE: 0-1	
Others	—			
Platelet count	1.88	lakh/cu mm	ADULT MALE: 1.3-3.8, ADULT FEMALE: 1.3-4.2	Flow-cytometry
Hematocrit	33.3	%	ADULT MALE: 37-51, ADULT FEMALE: 30-43	RBC pulse height
MCV	95.6	fl	ADULT MALE: 78-97, ADULT FEMALE: 72-96	Calculated
MCH	32.1	pg	ADULT MALE: 26-33, ADULT FEMALE: 23-32	Calculated
MCHC	33.6	g/dl	ADULT MALE: 31-36, ADULT FEMALE: 30-35	Calculated
RDW	15.3	%	ADULT MALE: 11.6-14.4, ADULT FEMALE: 11.7-14.4	RBC scattergram
RBC count	3.49	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 : 8/11/24

Tech Sign: [Signature]

Pathologist Sign: [Signature]



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KARWAR INSTITUTE OF MEDICAL SCIENCES, KARWAR
 DEPARTMENT OF BIOCHEMISTRY / ಜೀವ ರಸಾಯನಶಾಸ್ತ್ರ ವಿಭಾಗ



Name of Patient
 Dept/Unit :

Name : Mangyurath
 Age : 61y Sex : Male/Female
 Specimen Received :
 OP/IP No. 6566
 Ward / Unit :
 Ref. Dr. :
 Lab Ref No. 32 / 76769 / 21
 Receipt No. :
 Date : 8/11/21

CLINICAL BIOCHEMISTRY REPORT / ಚಿಕಿತ್ಸಾ ಜೀವರಸಾಯನಶಾಸ್ತ್ರ ದ ವರದಿ

- TEST
- Hb %
 - WBC cou
 - Neutroph
 - Lympho
 - Monoc
 - Eosino
 - Baso
 - Oth
 - Platele
 - Hem

Analyte	Measured Value	Reference Interval
Routine Chemistry		75 - 110 mg/dl
Glucose (FBS)		UPTO 140 mg/dl
PPBS		< 150 mg/dl
RBS	<u>89.6</u>	Non-Diabetic (NGSP) - 4-6% Non-Diabetic (NGSP) - 4.6 - 6.2% Prediabetic/High risk : 5.7 - 6.4% Diabetic adult > 6.5% * Good control : <7% * Insufficient control : >8%
HbA 1c(Gly Hb) (Immunoturbidimetry)		
HbA 1c(Gly Hb) (Nephelometry)		
Blood Urea	<u>142.0</u>	15-40 mg/dl
Creatinine	<u>11.06</u> ↑	0.7- 1.4 mg/dl
Uric Acid (a)	<u>9.4</u>	M : 3.5 - 7.2, : F : 2.6 - 6.0 mg/dl
G.T.T. (Pregnancy)		Up to 92 mg/dL
Fasting		Up to 180 mg/dL
I hr		Up to 153 mg/dL
II hr		
G.T.T. (Routine)		74 - 106 mg/dL
Fasting		120 - 170 mg/dL
I hr		70 - 120mg/dL
II hr		
Electrolytes		135 - 145 mEq/L
Sodium	<u>139</u>	3.5-5.0 mEq/L
Potassium	<u>4.9</u>	95 - 108 mEq/L
Chloride	<u>101</u>	24-28 mEq/L
Bicarbonate		
Lipd Profile		130-250 mg/dL
Total Cholesterol		upto 160 mg/dL
Triglycerides		Male : 30 - 55, Female : 46 - 65 mg/dL
HDL		70-165 mg/dL
LDL		15-40 mg/dL
VLDL		
Liver Profile		0.2-1.1 mg/dL
Bilirubin Total	<u>1.54</u>	UP to 0.3 mg/dL
Bilirubin Direct	<u>0.83</u>	15 - 37 U/L
SGOT	<u>22.0</u>	30 - 65 U/L
SGPT	<u>13.4</u>	Children (3 - 5 yrs) : 104 - 390 IU/L
Alkaline Phosphatase	<u>-</u>	Adults : 25 - 147 IU/L
GGT	<u>164.0</u>	M : 15 - 85 : F:5 - 55 U/L
Total Protein	<u>-</u>	6.4 - 8.3 g/dL
Albumin	<u>7.37</u>	3.5 - 5.1 g/dL
A : G ratio	<u>3.90</u>	1.0 - 2.3
	<u>1.18</u>	

Cardiac Markers		MEN: < 171, WOMEN: < 145 U/L
CK-NaC		< 25 U/L
CK-MB		225 - 450 IU/L
LDH		<1.0 ng/mL
Troponin I		upto 30 mg/dL
Troponin T		
LP (a)		35 - 140 U/L
Pancreatic Profile		< 38 U/L
Amylase		
Lipase		8.5 - 11.0 mg/dL
Others	9.8	2.5 - 5.0 mg/dL
✓ Calcium		1.5 - 2.5 mg/dL
Phosphorous		Tot : Upto 9.0 : Pr.Sq: Upto 3.0 U/L
Magnesium		Up to 6 mg/L
ACP (Total & Prostate Specific)		
CRP		< 500 ng/ML or 0.5 ug/ml
Procalcitonin		
D-Dimer		<11 Pg/mL
Bone Markers		10 - 69 pg/mL
Calcitonin		
PTH		
Anaemia		M: 50-168: F: 35-145 ug/dL
Iron	390.0	M: 25 - 350 ng/mL, F : 13-232 ng/mL
✓ Ferritin (CLIA)		M: 30-220ng/mL F : 20-110ng/mL
Ferritini (Nephelometry)		M: 15-200 ug/L F : 15-150 ug/L
Ferritin (Immunoturbidimery)		New born : 25-200 ug/L : 1 month : 200-600 ug/L
		2-5 months : 50-200 ug/L : 6 months - 15 years : 7-140ug/L
		Adult -> M : 20-250 ug/L : F : 10-129 ug/L
		250-425 ug/dL
TIBC		
Thyroid Profile		0.69-2.15 ng/mL
Total T3		52-127 ng/mL
Total T4		0.3 - 4.5 uIU/mL
TSH		0.4 - 8.6 uIU/mL
Neonatal TSH		
Fertility profile		Male : 0.7 - 11.1 mIU/mL
FSH		Female : Midcycle : 5.8-21 mIU/mL
		Follicular phase : 2.8 - 11.3 mIU/mL
		Luteal Phase : 1.2 - 9.0 mIU/mL
		Menopause : 21.7 - 153 mIU/mL
		Male : 0.8 - 7.6 mIU/mL
LH		Female : Midcycle : 17 - 77 mIU/mL
		Follicular phase : 1.1 - 11.6 mIU/mL
		Luteal Phase : ND - 14.7 mIU/mL
		Menopause : 11.3 - 39.8 mIU/mL
		M : 2.5 - 17.0 mg/mL, F: 1.9 - 25 mg/mL
Prolactin		
Arterial Blood Gas Analysis		
pH		7.35-7.45
PaCO ₂		32.0-48.0 mmHg
PaO ₂		83.108 mmHg

NOTE Kindly Correlate Clinically

Signature of Lab Technician
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Signature of Lab In-Charge
ಪ್ರಯೋಗಾಲಯ ಪ್ರಭಾರಾಧಿಕಾರಿಗಳು

Prof. & HOD of Biochemistry
ಜೀವರಸಾಯಾನಶಾಸ್ತ್ರದ ಪ್ರಾಧ್ಯಾಪಕರು
ಹಾಗೂ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರು