



ಕಾರವಾರ ವೈದ್ಯಕೀಯ ವಿಜ್ಞಾನಗಳ ಸಂಸ್ಥೆ, ಕಾರವಾರ
KARWAR INSTITUTE OF MEDICAL SCIENCES, KARWAR



DEPARTMENT OF BIOCHEMISTRY / ಜೀವ ರಸಾಯನಶಾಸ್ತ್ರ ವಿಭಾಗ

Name: Dupa
 Age: _____ Sex: Male/Female
 Specimen Received: _____
 OP/IP No. 35242
 Ward / Unit: _____
 Ref. Dr.: _____
 Lab Ref No. 99/42097/24
 Receipt No.: _____
 Date 7/08/24


CLINICAL BIOCHEMISTRY REPORT / ಚಿಕಿತ್ಸಾ ಜೀವರಸಾಯನಶಾಸ್ತ್ರ ದ ವರದಿ

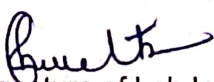
Analyte	Measured Value	Reference Interval
Routine Chemistry		
Glucose (FBS)		75 - 110 mg/dl
PPBS		UPTO 140 mg/dl
RBS		< 150 mg/dl
1c(Gly Hb) (Immunoturbidimetry)		Non-Diabetic (NGSP) - 4-6%
1c(Gly Hb) (Nephelometry)	108.0	Non-Diabetic (NGSP) - 4.6 - 6.2%
		Prediabetic/High risk : 5.7 - 6.4%
		Diabetic adult > 6.5%
		* Good control : <7%
		* Insufficient control : >8%
Blood Urea		
Creatinine	98.3	15-40 mg/dl
Uric Acid (a)	6.71 ↑	0.7- 1.4 mg/dl
	7.6	M : 3.5 - 7.2, : F : 2.6 - 6.0 mg/dl
G.T.T. (Pregnancy)		
Fasting		
I hr		
II hr		Up to 92 mg/dL
G.T.T. (Routine)		
Fasting		Up to 180 mg/dL
I hr		Up to 153 mg/dL
II hr		
Electrolytes		
ium		74 - 106 mg/dL
assium	149	120 - 170 mg/dL
ide	6.8 ↑	70 - 120mg/dL
arbonate	96	135 - 145 mEq/L
Lid Profile		
Total Cholesterol		3.5-5.0 mEq/L
Triglycerides		95 - 108 mEq/L
HDL		24-28 mEq/L
LDL		130-250 mg/dL
VLDL		upto 160 mg/dL
Liver Profile		
Bilirubin Total		Male : 30 - 55, Female : 46 - 65 mg/dL
Bilirubin Direct	0.52	70-165 mg/dL
SGOT	0.34	15-40 mg/dL
SGPT	14.5	UP to 0.3 mg/dL
Alkaline Phosphatase	18.9	15 - 37 U/L
GGT	-	30 - 65 U/L
Total Protein	ALP 354.0	Children (3 - 5 yrs) : 104 - 390 IU/L
Albumin	7.47	Adults : 25 - 147 IU/L
A : G ratio	3.76	M : 15 - 85 : F:5 - 55 U/L
	1.01	6.4 - 8.3 g/dL
		3.5 - 5.1 g/dL
		1.0 - 2.3

Note Non-hemolyzed sample.

		MEN: < 171, WOMEN: < 145 U/L
Cardiac Markers		< 25 U/L
CK-NaC		225 - 450 IU/L
CK-MB		< 1.0 ng/mL
LDH		
Troponin I		upto 30 mg/dL
Troponin T		
LP (a)		35 - 140 U/L
Pancreatic Profile		< 38 U/L
Amylase		
Lipase		
Others	8.0	8.5 - 11.0 mg/dL
Calcium		2.5 - 5.0 mg/dL
Phosphorous		1.5 - 2.5 mg/dL
Magnesium		Tot : Upto 9.0 : Pr.Sq: Upto 3.0 U/L
ACP (Total & Prostate Specific)		Up to 6 mg/L
CRP		
Procalcitonin		< 500 ng/ML or 0.5 ug/ml
D-Dimer		
Bone Markers		
Calcitonin		< 11 Pg/mL
PTH		10 - 69 pg/mL
Anaemia		
Iron		M: 50-168; F: 35-145 ug/dL
Ferritin (CLIA)		M: 25 - 350 ng/mL, F : 13-232 ng/mL
Ferritin (Nephelometry)	> 600.0 ↑	M: 30-220ng/mL F : 20-110ng/mL M: 15-200 ug/L F : 15-150 ug/L
Ferritin (Immunoturbidimetry)		New born : 25-200 ug/L : 1 month : 200-600 ug/L 2-5 months : 50-200 ug/L : 6 months - 15 years : 7-140 ug/L Adult -> M : 20-250 ug/L : F : 10-129 ug/L
TIBC		
Thyroid Profile		250-425 ug/dL
Total T3		
Total T4		0.69-2.15 ng/mL
TSH		52-127 ng/mL
Neonatal TSH		0.3 - 4.5 uIU/mL
Fertility profile		0.4 - 8.6 uIU/mL
FSH		
		Male : 0.7 - 11.1 mIU/mL
		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
LH		Male : 0.8 - 7.6 mIU/mL
		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
Prolactin		M : 2.5 - 17.0 mg/mL, F 1.9 - 25 mg/mL
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
ಪ್ರಯೋಗಾಲಯ ತಜ್ಞರು


Signature of Lab In-Charge
ಪ್ರಯೋಗಾಲಯ ಪ್ರಭಾರಾಧಿಕಾರಿಗಳು

Prof. & HOD of Biochemistry
ಜೀವರಸಾಯನ ಶಾಸ್ತ್ರದ ಪ್ರಾಧ್ಯಾಪಕರು
ಹಾಗೂ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರು

ಕಾರವಾರ ವೈದ್ಯಕೀಯ ವಿಜ್ಞಾನಗಳ ಸಂಸ್ಥೆ, ಕಾರವಾರ
KARWAR INSTITUTE OF MEDICAL SCIENCES, KARWAR
 DEPARTMENT OF BIOCHEMISTRY / ಜೀವರಸಾಯನಶಾಸ್ತ್ರ ವಿಭಾಗ
 OP/IP No. 202001 | Lab Ref No. 100/10000



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



HEMATOLOGY & CLINICAL PATHOLOGY REPORT

Name of Patient : Urupa ; Age/Sex : 46/f ; UHID : _____ ; Ward : _____
 Dept/Unit : _____ ; IP/OP No.: 35242 ; Ref. Dr: _____ ; Sample ID : 52279

COMPLETE BLOOD COUNT

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE VALUE	METHOD
Hb %	7.5	gn/dl	ADULT MALE: 12.3-17; ADULT FEMALE: 9.9-14.3	SLS-Hemoglobin
WBC count	5.200	/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	2.85	lakh/cu mm	ADULT MALE: 1.3-3.8; ADULT FEMALE: 1.3-4.2	Flow-cytometry
Hematocrit	23.5	%	ADULT MALE: 37-51; ADULT FEMALE: 30-43	RBC pulse height
MCV	74.6	fl	ADULT MALE: 78-97; ADULT FEMALE: 72-96	Calculated
MCH	24.0	pg	ADULT MALE: 26-33; ADULT FEMALE: 23-32	Calculated
MCHC	32.1	g/dl	ADULT MALE: 31-36; ADULT FEMALE: 30-35	Calculated
RDW	16.4	%	ADULT MALE: 11.6-14.4; ADULT FEMALE: 11.7-14.4	RBC scattergram
RBC count	3.15	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	B+	Positive		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 : 7/8/24

Tech Sign:

Pathologist Sign: