



ಕಾರವಾರ ವೈದ್ಯಕೀಯ ವಿಜ್ಞಾನಗಳ ಸಂಸ್ಥೆ, ಕಾರವಾರ  
**KARWAR INSTITUTE OF MEDICAL SCIENCES, KARWAR**  
 DEPARTMENT OF BIOCHEMISTRY / ಬೀವರಸಾಯನಶಾಸ್ತ್ರ ವಿಭಾಗ



Name: Saudu  
 Age: 76y Sex:  Male /  Female  
 Specimen Received: \_\_\_\_\_  
 OP/IP No. 83619 Lab Ref No 45/75937  
 Ward / Unit: \_\_\_\_\_ Receipt No.: \_\_\_\_\_  
 Ref. Dr.: \_\_\_\_\_ Date: 5/11/24

**CLINICAL BIOCHEMISTRY REPORT / ಚಿಕಿತ್ಸಾ ಬೀವರಸಾಯನಶಾಸ್ತ್ರದ ವರದಿ**

Analyte	Measured Value	Reference Interval
<b>Routine Chemistry</b>		
Glucose (FBS)		75 - 110 mg/dl
FPBS		UPTO 140 mg/dl
RBS		< 150 mg/dl
HbA 1c(Gly Hb) (Immunoturbidimetry)		Non-Diabetic (NGSP) - 4-6%
HbA 1c(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%
<b>Blood Urea</b>		
Creatinine	<u>143.9</u>	15-40 mg/dl
Uric Acid (a)	<u>7.99</u>	0.7- 1.4 mg/dl
	<u>8.2</u>	M : 3.5 - 7.2 ; F : 2.6 - 6.0 mg/dl
<b>G.T.T. (Pregnancy)</b>		
Fasting		Up to 92 mg/dL
I hr		Up to 180 mg/dL
II hr		Up to 153 mg/dL
<b>G.T.T. (Routine)</b>		
Fasting		74 - 106 mg/dL
I hr		120 - 170 mg/dL
II hr		70 - 120mg/dL
<b>Electrolytes</b>		
Sodium	<u>135</u>	135 - 145 mEq/L
Potassium	<u>5.6</u>	3.5-5.0 mEq/L
Chloride	<u>107</u>	95 - 108 mEq/L
Bicarbonate		24-28 mEq/L
<b>Lipid Profile</b>		
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
<b>Liver Profile</b>		
Bilirubin Total	<u>0.49</u>	0.2-1.1 mg/dL
Bilirubin Direct	<u>0.21</u>	UP to 0.3 mg/dL
SGOT	<u>25.0</u>	15 - 37 U/L
SGPT	<u>15.5</u>	30 - 65 U/L
Alkaline Phosphatase		Children (3 - 5 yrs) : 104 - 390 IU/L
	<u>235</u>	Adults : 25 - 147 IU/L
		M : 15 - 85 ; F : 5 - 55 U/L
GGT		
Total Protein	<u>5.70</u>	6.4 - 8.3 g/dL
Albumin	<u>3.69</u>	3.5 - 5.1 g/dL
A : G ratio	<u>1.8</u>	1.0 - 2.3



Random Glucose		110-125 mg/dl
1 hr		< 140 mg/dl
2 hr		70-130 mg/dl
3 hr		< 130 mg/dl
4 hr		< 120 mg/dl
5 hr		< 110 mg/dl
6 hr		< 100 mg/dl
7 hr		< 90 mg/dl
8 hr		< 80 mg/dl
9 hr		< 70 mg/dl
10 hr		< 60 mg/dl
11 hr		< 50 mg/dl
12 hr		< 40 mg/dl
13 hr		< 30 mg/dl
14 hr		< 20 mg/dl
15 hr		< 10 mg/dl
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196 hr		< 5 mg/dl
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199 hr		< 5 mg/dl
200 hr		< 5 mg/dl

NOTE: Carry forward clinically

Signature of Lab Technician  
*[Signature]*

Signature of Lab In-Charge  
*[Signature]*

Prof. & HOD of Biochem  
*[Signature]*





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

**HEMATOLOGY & CLINICAL PATHOLOGY REPORT**

Name of Patient : Smita ; Age/Sex : 36/F ; UHID : \_\_\_\_\_ ; Ward : \_\_\_\_\_  
 Dept/Unit : \_\_\_\_\_ ; IP/OP No. : 83614 ; Ref. Dr : \_\_\_\_\_ ; Sample ID : 75937

**COMPLETE BLOOD COUNT**

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE VALUE	METHOD
Hb %	7.9	gm/dl	ADULT MALE: 12.3-17; ADULT FEMALE: 9.9-14.3	SLS-Hemoglobin
WBC count	6,200	/cu mm	ADULT MALE: 4.2-9.8; ADULT FEMALE: 4.0-10.4	Flow-cytometry
Neutrophil	69	%	ADULT MALE: 42-74; ADULT FEMALE: 44-75	Diff Scattergram
Lymphocyte	19	%	ADULT MALE: 18-45; ADULT FEMALE: 18-45	Diff Scattergram
Monocyte	06	%	ADULT MALE: 2-10; ADULT FEMALE: 2-9	Diff Scattergram
Eosinophil	05	%	ADULT: 1-8	Diff Scattergram
Basophil	01	%	ADULT MALE: 0-1; ADULT FEMALE: 0-1	Diff Scattergram
Others				
Platelet count	2.67	lakh/cu mm	ADULT MALE: 1.3-3.8; ADULT FEMALE: 1.3-4.2	Flow-cytometry
Hematoerit	25.6	%	ADULT MALE: 37-51; ADULT FEMALE: 30-43	RBC pulse height
MCV	83.1	fl	ADULT MALE: 78-97; ADULT FEMALE: 72-96	Calculated
MCH	25.7	pg	ADULT MALE: 26-33; ADULT FEMALE: 23-32	Calculated
MCHC	30.9	g/dl	ADULT MALE: 31-36; ADULT FEMALE: 30-35	Calculated
RDW	15.1	%	ADULT MALE: 11.6-14.4; ADULT FEMALE: 11.7-14.4	RBC scattergram
RBC count	3.09	million/cu mm	ADULT MALE: 4.5-5.5; ADULT FEMALE: 3.5-5.2	Flow-cytometry
ESR	-	mm/1 <sup>st</sup> 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.

Pathologist Sign:

Tech Sign:

Date : 5/11/24