



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



HEMATOLOGY & CLINICAL PATHOLOGY REPORT

Name of Patient : Ramakant ; Age/Sex : 73M ; UHID : - ; Ward : Dialysis  
Dept/Unit : - ; IP/OP No.: 1835 ; Ref. Dr: - ; Sample ID : 67851

COMPLETE BLOOD COUNT

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE VALUE	METHOD
Hb %	10.5	gm/dl	ADULT MALE: 12.3-17; ADULT FEMALE: 9.9-14.3	SLS-Hemoglobin
WBC count	4,700	/cu mm	ADULT MALE: 4.2-9.8; ADULT FEMALE: 4.0-10.4	Flow-cytometry
Neutrophil	54	%	ADULT MALE: 42-74; ADULT FEMALE: 44-75	Diff Scattergram
Lymphocyte	36	%	ADULT MALE: 18-45; ADULT FEMALE: 18-45	Diff Scattergram
Monocyte	06	%	ADULT MALE: 2-10; ADULT FEMALE: 2-9	Diff Scattergram
Eosinophil	03	%	ADULT: 1-8	Diff Scattergram
Basophil	01	%	ADULT MALE: 0-1; ADULT FEMALE: 0-1	Diff Scattergram
Others	-			
Platelet count	1.12	lakh/cu mm	ADULT MALE: 1.3-3.8; ADULT FEMALE: 1.3-4.2	Flow-cytometry
Hematocrit	30.9	%	ADULT MALE: 37-51; ADULT FEMALE: 30-43	RBC pulse height
MCV	83.3	fl	ADULT MALE: 78-97; ADULT FEMALE: 72-96	Calculated
MCH	28.2	pg	ADULT MALE: 26-33; ADULT FEMALE: 23-32	Calculated
MCHC	33.9	g/dl	ADULT MALE: 31-36; ADULT FEMALE: 30-35	Calculated
RDW	13.2	%	ADULT MALE: 11.6-14.4; ADULT FEMALE: 11.7-14.4	RBC scattergram
RBC count	3.70	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	B+ve		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 : 02/10/2024

Tech Sign:

Pathologist Sign:



**KARWAR INSTITUTE OF MEDICAL SCIENCES TEACHING, (DIST) HOSPITAL,**  
**Annexure C4 : Laboratory Report at HCTS Confirmatory Facilities**  
**(SA-ICTC) KARWAR**

**NATIONAL AIDS CONTROL ORGANIZATION**

Laboratory Test Report form for HCTS Confirmatory facility

Name & Address of the SA-ICTC ICTC, KARWAR INSTITUTE OF MEDICAL SCIENCES  
TEACHING (DIST.) HOSPITAL, KARWAR

Name : Surname Gendrakopp Middle Name Bikaji First Name Ramkand

Gender:  Male  Female  Transgender Age: 73 (Years)

IPID No.: GCSAICTCKAUKN003 2603929 Lab ID No. \_\_\_\_\_

Date & Time of Blood Drawn: 09.10.24 (DD/MM/YY) \_\_\_\_\_ (HH:MM)

**Test Details :**

- Specimen type used for testing (tick one) : Serum / Plasma / Whole Blood
- Date & Time of specimen tested : 09.10.24 (DD/MM/YY) \_\_\_\_\_ (HH:MM)

**Note:**

- Column 2 and 3 to be filled only when HIV 1 & 2 antibody discriminatory test(s) used
- No cell has to be left blank; indicate as NA wherever not applicable

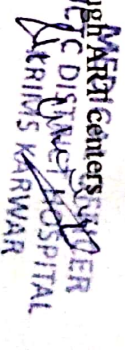
Column 1	Column 2	Column 3	Column 4
Name of the HIV kit	Reactive/Nonreactive (R/NR) for HIV-1 antibodies	Reactive/Nonreactive (R/NR) for HIV-2 antibodies	Reactive/Nonreactive (R/NR) for HIV antibodies
Test I <u>Cumbeard</u>	<u>NA</u>	<u>NA</u>	<u>Reactive</u>
Test II <u>✓</u>			
Test III			<u>✓</u>

Interpretation of the result : Tick (✓) relevant

- Specimen is negative for HIV antibodies
- Specimen is Positive for HIV-1 antibodies
- \*Specimen is positive for HIV antibodies (HIV-1 and HIV-2; or HIV-2 alone)
- Specimen is indeterminate for HIV antibodies. Collect fresh sample in 2 weeks

\*Confirmation of HIV 2 sero-status at identified referral laboratory through \_\_\_\_\_

Name & Signature [Signature]  
 Laboratory Technician

  
 KARWAR INSTITUTE OF MEDICAL SCIENCES TEACHING HOSPITAL  
 KARWAR

Name & Signature \_\_\_\_\_  
 Laboratory In - Charge



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KARWAR INSTITUTE OF MEDICAL SCIENCES, KARWAR  
DEPARTMENT OF MICROBIOLOGY



02/10/20

Name: Ramakrishna Age/Sex: 33/M Ward/Unit: \_\_\_\_\_

Dept.: \_\_\_\_\_ IP/OP No: \_\_\_\_\_ Ref by: \_\_\_\_\_

Lab No. 26018 / 64851

SL. No.	TEST	IMPRESSION	METHOD
1.	WIDAL	O : H : AH : BH :	Slide/Tube agglutination
2.	RPR/VDRL	Titre :	Slide flocculation / card
3.	HBsAg	<u>Negative</u>	Rapid Card
4.	HCV	<u>No. of Reactive</u>	Rapid Card
5.	RA factor	Titre :	Slide agglutination
6.	ASLO	Titre :	Slide agglutination
7.	CRP	Titre :	Slide agglutination
8.	CHIKUNGUNYA		Rapid Card
9.	LEPTOSPIRA		Rapid Card
10.	Dengue	NS1 Ag IgM Antibody IgM Antibody	Rapid Card
11.	M.P.		Rapid Card
12.	HIV 1 & 2		Rapid Card
13.	Others		

Note : HBsAg, HCV, HIV 1 & 2 Dengue are screening tests and should be confirmed by confirmatory methods (ELISA, etc).

Comment:

Technician [Signature]

Microbiologist [Signature]



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



Name : **Ramakant**  
 Age : **73** Sex : **Male**  
 Specimen Received :  
 OP/IP No. **1835**  
 Ward / Unit :  
 Ref. Dr. :  
 Lab Ref No. **45/685/24**  
 Receipt No. :  
 Date : **21/01/24**

**CLINICAL BIOCHEMISTRY REPORT / ಚಿಕಿತ್ಸಾ ಜೀವರಸಾಯನಶಾಸ್ತ್ರ ವರದಿ**

Analyte	Measured Value	Reference Interval
Routine Chemistry		
Glucose (FBS)		75 - 110 mg/dl
PPBS		UPTO 140 mg/dl
RBS	<b>385.5</b> ↓	< 150 mg/dl Non-Diabetic (NGSP) - 4.6% Non-Diabetic (NGSP) - 4.6 - 6.2% Non-Diabetic (NGSP) - 5.7 - 6.4% Prediabetic/High risk : 5.7 - 6.4% Diabetic adult > 6.5% * Good control : <7% * Insufficient control : >8%
HbA1c (Gly Hb) (Immunoturbidimetry)		
HbA1c (Gly Hb) (Nephelometry)		
Blood Urea	<b>92.0</b> ↑	15-40 mg/dl
Creatinine	<b>6.29</b> ↑	0.7-1.4 mg/dl
Uric Acid (a)	<b>10.3</b> ↑	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
1 hr		Up to 153 mg/dl
2 hr		74 - 106 mg/dl
G.T.T. (Routine)		120 - 170 mg/dl
Fasting		70 - 120mg/dl
1 hr		
2 hr		
<b>Electrolytes</b>		
Sodium	<b>140</b>	135 - 145 mEq/L
Potassium	<b>4.3</b>	3.5-5.0 mEq/L
Chloride	<b>101</b>	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	<b>0.47</b>	0.2-1.1 mg/dl
Bilirubin Direct	<b>0.20</b>	UP to 0.3 mg/dl
SGOT	<b>18.3</b>	15 - 37 U/L
SGPT	<b>12.1</b>	30 - 65 U/L
Alkaline Phosphatase		Children (3 - 5 yrs) : 104 - 390 IU/L
GGT	<b>125.0</b>	Adults : 25 - 147 IU/L
Total Protein	<b>6.40</b>	M : 15 - 85 ; F : 5 - 55 U/L
Albumin	<b>3.71</b>	6.4 - 8.3 g/dl
A : G ratio	<b>1.4</b>	3.5 - 5.1 g/dl
		1.0 - 2.3

<b>Cardiac Markers</b>		
CK-NaC		MEN: < 171, WOMEN : < 145 U/L
CK-MB		< 25 U/L
LDH		225 - 450 IU/L
Troponin I		<1.0 ng/mL
Troponin T		
LP (a)		upto 30 mg/dL
<b>Pancreatic Profile</b>		
Amylase		35 - 140 U/L
Lipase		< 38 U/L
<b>Others</b>		
Calcium	9.3	8.5 - 11.0 mg/dL
Phosphorus		2.5 - 5.0 mg/dL
Magnesium		1.5 - 2.5 mg/dL
ACP (Total & Prostate Specific)		Tot : Upto 9.0 : Pr.Sq: Upto 3.0 U/L
CRP		Up to 6 mg/L
Procalcitonin		< 500 ng/mL or 0.5 ug/ml
D-Dimer		
<b>Bone Markers</b>		
Calcitonin		<11 Pg/ml
PTH		10 - 69 pg/ml
<b>Anaemia</b>		
Iron		M: 50-168: F: 35-145 ug/dL
<del>Ferritin (CLIA)</del>	886.0	M: 25 - 350 ng/mL, F: 13-232 ng/mL
Ferritin (Nephelometry)		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 : 7-140ug/L
		Adult - > M : 20-250 ug/L : F : 10-129 ug/L
TIBC		250-425 ug/dL
<b>Thyroid Profile</b>		
Total T3		0.69-2.15 ng/ml
Total T4		52-127 ng/ml
TSH		0.3 - 4.5 uIU/ml
Neonatal TSH		0.4 - 8.6 uIU/ml
<b>Fertility profile</b>		
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
Progesterin		M : 2.5 - 17.0 mg/mL, F: 1.9 - 25 mg/mL
Arterial Blood Gas Analysis		
pH		7.35-7.45
PaCO <sub>2</sub>		32.0-48.0 mmHg
PaO <sub>2</sub>		83.108 mmHg

NOTE Kindly Correlate Clinically

Signature of Lab Technician

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Signature of Lab In-Charge

ಪ್ರಯೋಗಾಲಯ ಪ್ರಭಾತಾಸಕಾರಿಗಳು

Prof. & HOD of Biochemistry

ಜೀವರಸಾಯನಶಾಸ್ತ್ರದ ಪ್ರಾಧ್ಯಾಪಕರು

ಹಾಗೂ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರು