



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



**HEMATOLOGY & CLINICAL PATHOLOGY REPORT**

Name of Patient : Joseph ; Age/Sex : 57/M ; UHID : \_\_\_\_\_ ; Ward : \_\_\_\_\_  
 Dept/Unit : Dialysis ; IP/OP No.: 03632 ; Ref. Dr: \_\_\_\_\_ ; Sample ID : 59492

**COMPLETE BLOOD COUNT**

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE VALUE	METHOD
Hb %	13.5	gm/dl	ADULT MALE: 12.3-17; ADULT FEMALE: 9.9-14.3	SLS-Hemoglobin
WBC count	7,900	/cu mm	ADULT MALE: 4.2-9.8; ADULT FEMALE: 4.0-10.4	Flow-cytometry
Neutrophil	75	%	ADULT MALE: 42-74; ADULT FEMALE: 44-75	Diff Scattergram
Lymphocyte	16	%	ADULT MALE: 18-45; ADULT FEMALE: 18-45	Diff Scattergram
Monocyte	07	%	ADULT MALE: 2-10; ADULT FEMALE: 2-9	Diff Scattergram
Eosinophil	02	%	ADULT: 1-8	Diff Scattergram
Basophil	00	%	ADULT MALE: 0-1; ADULT FEMALE: 0-1	Diff Scattergram
Others			%	
Platelet count	2.17	lakh/cu mm	ADULT MALE: 1.3-3.8; ADULT FEMALE: 1.3-4.2	Flow-cytometry
Hematocrit	39.8	%	ADULT MALE: 37-51; ADULT FEMALE: 30-43	RBC pulse height
MCV	88.5	fl	ADULT MALE: 78-97; ADULT FEMALE: 72-96	Calculated
MCH	30.1	pg	ADULT MALE: 26-33; ADULT FEMALE: 23-32	Calculated
MCHC	34.0	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	4.50	million/cu mm	ADULT MALE: 4.5-5.5; ADULT FEMALE: 3.5-5.2	Flow-cytometry
ESR	—	mm/1*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 : 21/9/24

Tech Sign:

Pathologist Sign:



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



Name : Joseph Lab Ref No. ಜಿಎ | 59492 | 24  
 Age : 54y Sex : Male/Female OP/IP No. 03632 Receipt No.:  
 Specimen Received : Ward / Unit : Date : 02/09/2024  
 Ref. Dr. :

**CLINICAL BIOCHEMISTRY REPORT / ಚಿಕಿತ್ಸಾ ಜೀವ ರಸಾಯನಶಾಸ್ತ್ರ ದ ವರದಿ**

Analyte	Measured Value	Reference Interval
<b>Routine Chemistry</b>		
Glucose (FBS)		75 - 110 mg/dl
PPBS		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>124.0</u>	15-40 mg/dl
Uric Acid (a)	<u>13.28</u>	0.7- 1.4 mg/dl
	<u>12.0</u>	M : 3.5 - 7.2, : F : 2.6 - 6.0 mg/dl
<b>G.T.T. (Pregnancy)</b>		
Fasting		
I hr		Up to 92 mg/dL
II hr		Up to 180 mg/dL
<b>G.T.T. (Routine)</b>		
Fasting		
I hr		74 - 106 mg/dL
II hr		120 - 170 mg/dL
		70 - 120mg/dL
<b>Electrolytes</b>		
Sodium	<u>135</u>	135 - 145 mEq/L
Potassium	<u>5.2</u>	3.5-5.0 mEq/L
Chloride	<u>94</u>	95 - 108 mEq/L
Bicarbonate		24-28 mEq/L
<b>Lipd 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>0.85</u>	0.2-1.1 mg/dL
Bilirubin Direct	<u>0.14</u>	UP to 0.3 mg/dL
SGOT	<u>17.3</u>	15 - 37 U/L
SGPT	<u>10.1</u>	30 - 65 U/L
Alkaline Phosphatase	<u>-</u>	Children (3 - 5 yrs) : 104 - 390 IU/L
	<u>ALP</u>	Adults : 25 - 147 IU/L
GGT	<u>-</u>	M : 15 - 85 : F:5 - 55 U/L
Total Protein	<u>7.56</u>	6.4 - 8.3 g/dL
Albumin	<u>4.15</u>	3.5 - 5.1 g/dL
A : G ratio	<u>1.2</u>	1.0 - 2.3

<b>Cardiac Markers</b>		
CK-MbC		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	8.8	8.5 - 11.0 mg/dL
Phosphorous		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		
D-Dimer		< 500 ng/mL or 0.5 ug/ml
<b>Bone Markers</b>		
Calcitonin		
PTH		<11 Pg/mL
<b>Anaemia</b>		10 - 69 pg/mL
Iron		
Ferritin (CLIA)		M: 50-168; F: 35-145 ug/dL
Ferritini (Nephelometry)	556.9	M: 25 - 350 ng/mL, F : 13-232 ng/mL
Ferritin (Immunoturbidimetry)		M: 30-220ng/mL F : 20-110ng/mL M: 15-200 ug/L F : 15-150 ug/L 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		
<b>Thyroid Profile</b>		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
<b>Fertility profile</b>		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
<b>Arterial Blood Gas Analysis</b>		
pH		
pCO <sub>2</sub>		7.35-7.45
pO <sub>2</sub>		32.0-48.0 mmHg
		83.108 mmHg

TE Kindly Correlate Clinically

Signature of Lab Technician  
ಪ್ರಯೋಗಾಲಯ ತಜ್ಞರು

Signature of Lab In-Charge  
ಪ್ರಯೋಗಾಲಯ ಪ್ರಭಾರತಾಕಾರಿಗಳು

Prof. & HOD of Biochemistry  
ಜೀವರಸಾಯಾನಶಾಸ್ತ್ರದ ಪ್ರಾಧ್ಯಾಪಕರು  
ಹಾಗೂ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರು

**KARWAR INSTITUTE OF MEDICAL SCIENCES TEACHING, (DIST) HOSPITAL,  
KARWAR**

**Annexure C4 : Laboratory Report at HCTS Confirmatory Facilities  
(SA-ICTC)**

**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 Narond Middle Name Danjao First Name Joseph  
Age: 57 (Years)

Gender:  Male  Female  Transgender

IPID No.: GCSAICTCKAUKN0032403305 Lab ID No. \_\_\_\_\_

Date & Time of Blood Drawn: 02/09/24 (DD/MM/YY) 9:00 AM (HH:MM)

**Test Details :**

- Specimen type used for testing (tick one) : Serum / Plasma / Whole Blood
- Date & Time of specimen tested : 02/09/24 (DD/MM/YY) 11:40 AM (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>Comb aid</u>	<u>NA</u>	<u>NA</u>	<u>Negative</u>
Test II <u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
Test III <u>-</u>	<u>-</u>	<u>-</u>	<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 ART centers

Name & Signature [Signature]  
Laboratory Technician

ICTC Medical Officer  
District Hospital  
Karwar  
Name & Signature  
Laboratory In - Charge



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KARWAR INSTITUTE OF MEDICAL SCIENCES, KARWAR



DEPARTMENT OF MICROBIOLOGY

CENTRAL CLINICAL LABORATORY REPORT

02/9/24

Name : Joseph Age/Sex : 57/m Ward/Unit : .....

Dept : ..... IP/OP No : 03632 Ref by : .....

Lab No : 21430/59492

SL. No.	TEST	IMPRESSION	METHOD	
			Slide/Tube	agglutination
1.	WIDAL	O : H : AH : BH :		Slide flocculation / card
2.	RPR/VDRL	Titre :		Rapid Card
3.	HBsAg	<i>negative</i> <i>non-reactive</i>		Rapid Card
4.	HCV			Slide agglutination
5.	RA factor	Titre :		Slide agglutination
6.	ASLO	Titre :		Slide agglutination
7.	CRP	Titre :		Rapid Card
8.	CHIKUNGUNYA			Rapid Card
9.	LEPTOSPIRA			Rapid Card
10.	Dengue	NS1 Ag		Rapid Card
		IgM Antibody		
		IgM Antibody		
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

Microbiologist

