



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



**HEMATOLOGY & CLINICAL PATHOLOGY REPORT**

Name of Patient : Jnaneshwar ; Age/Sex : 56/m ; UHID : \_\_\_\_\_ ; Ward : \_\_\_\_\_  
 Dept/Unit : \_\_\_\_\_ ; IP/OP No.: 20911 ; Ref. Dr: \_\_\_\_\_ ; Sample ID : 59651

**COMPLETE BLOOD COUNT**

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE VALUE	METHOD
Hb %	<u>9.4</u>	gm/dl	ADULT MALE: 12.3-17; ADULT FEMALE: 9.9-14.3	SLS-Hemoglobin
WBC count	<u>4,300</u>	/cu mm	ADULT MALE: 4.2-9.8; ADULT FEMALE: 4.0-10.4	Flow-cytometry
Neutrophil	<u>54</u>	%	ADULT MALE: 42-74; ADULT FEMALE 44-75	Diff Scattergram
Lymphocyte	<u>23</u>	%	ADULT MALE: 18-45; ADULT FEMALE: 18-45	Diff Scattergram
Monocyte	<u>09</u>	%	ADULT MALE: 2-10; ADULT FEMALE: 2-9	Diff Scattergram
Eosinophil	<u>13</u>	%	ADULT: 1-8	Diff Scattergram
Basophil	<u>01</u>	%	ADULT MALE: 0-1; ADULT FEMALE: 0-1	Diff Scattergram
Others	-		%	
Platelet count	<u>1.35</u>	lakh/cu mm	ADULT MALE: 1.3-3.8; ADULT FEMALE: 1.3-4.2	Flow-cytometry
Hematocrit	<u>28.6</u>	%	ADULT MALE: 37-51; ADULT FEMALE: 30-43	RBC pulse height
MCV	<u>66.4</u>	fl	ADULT MALE: 78-97; ADULT FEMALE: 72-96	Calculated
MCH	<u>21.9</u>	pg	ADULT MALE: 26-33; ADULT FEMALE: 23-32	Calculated
MCHC	<u>33.0</u>	g/dl	ADULT MALE: 31-36; ADULT FEMALE: 30-35	Calculated
RDW	<u>13.6</u>	%	ADULT MALE: 11.6-14.4; ADULT FEMALE: 11.7-14.4	RBC scattergram
RBC count	<u>4.30</u>	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 : 02/09/24

Tech Sign: \_\_\_\_\_

Pathologist Sign: \_\_\_\_\_



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



DEPARTMENT OF BIOCHEMISTRY / ಜೀವ ರಸಾಯನಶಾಸ್ತ್ರ ವಿಭಾಗ

Name : Jnanashwan	OP/IP No. 20911	Lab Ref No. 198/59651/24
Age : 56y Sex : Male/Female	Ward / Unit :	Receipt No.:
Specimen Received :	Ref. Dr. :	Date : 02/09/2024

CLINICAL BIOCHEMISTRY REPORT/ಚಿಕಿತ್ಸಾ ಜೀವರಸಾಯನಶಾಸ್ತ್ರ 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>	191.5	15-40 mg/dl
<b>Creatinine</b>	13.75 ↑	0.7- 1.4 mg/dl
<b>Uric Acid (a)</b>	4.3	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	135	135 - 145 mEq/L
Potassium	6.4 ↑	3.5-5.0 mEq/L
Chloride	106	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	0.31	0.2-1.1 mg/dL
Bilirubin Direct	0.19	UP to 0.3 mg/dL
SGOT	15.6	15 - 37 U/L
SGPT	13.1	30 - 65 U/L
Alkaline Phosphatase	-	Children (3 - 5 yrs) : 104 - 390 IU/L
	ALP	Adults : 25 - 147 IU/L
GGT	-	M : 15 - 85 : F:5 - 55 U/L
Total Protein	5.90	6.4 - 8.3 g/dL
Albumin	3.81	3.5 - 5.1 g/dL
A : G ratio	1.8	1.0 - 2.3

<b>Cardiac Markers</b>		MEN: < 171, WOMEN: < 145 U/L
CK-NaC		< 25 U/L
CK-MB		225 - 450 IU/L
LDH		<1.0 ng/mL
Troponin I		
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	8.0	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		<11 Pg/mL
PTH		10 - 69 pg/mL
<b>Anaemia</b>		
Iron		M: 50-168; F: 35-145 ug/dL
Ferritin (CLIA)	105.0	M: 25 - 350 ng/mL, F : 13-232 ng/mL
Ferritini (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
		M : 2.5 - 17.0 mg/mL, F: 1.9 - 25 mg/mL
Prolactin		
<b>Arterial Blood Gas Analysis</b>		
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  
ಪ್ರಯೋಗಾಲಯ ತಜ್ಞರು

Signature of Lab In-Charge  
ಪ್ರಯೋಗಾಲಯ ಪ್ರಭಾರಾಧಿಕಾರಿಗಳು

Prof. & HOD of Biochemistry  
ಜೀವರಸಾಯಾನಶಾಸ್ತ್ರದ ಪ್ರಾಧ್ಯಾಪಕರು  
ಪಾಗೂ 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 Naik Middle Name T First Name Jhaneeshwan  
 Gender:  Male  Female  Transgender Age: 60 (Years)

IPID No.: GCSAICTCKAUKN003 2403334 Lab ID No. \_\_\_\_\_

Date & Time of Blood Drawn: 02/09/24 (DD/MM/YY) 2:50 PM (HH:MM)

**Test Details :**  
 • Specimen type used for testing (tick one) : Serum / Plasma / Whole Blood  
 • Date & Time of specimen tested : 21/9/24 (DD/MM/YY) 3:30 PM (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>Comaid</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 \_\_\_\_\_  
 Laboratory Technician

[Signature]  
 District Hospital  
 Name & Signature  
 Laboratory In - Charge



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**KARWAR INSTITUTE OF MEDICAL SCIENCES, KARWAR**  
**DEPARTMENT OF MICROBIOLOGY**



*Dr. Kelikal*

**CENTRAL CLINICAL LABORATORY REPORT**

*21/9/24*

Name : *Janeshwar* Age/Sex : *56/1M* Ward/Unit : \_\_\_\_\_

Dept : \_\_\_\_\_ IP/OP No : *20911* Ref by : \_\_\_\_\_

Lab No. *21475-59651*

SL. No.	TEST	IMPRESSION	METHOD
1.	WIDAL	O : H : AH : BH :	Slide/Tube agglutination
2.	RPR/VDRL	Titre :	Slide flocculation / card
<del>3.</del>	HBsAg	<i>negative</i>	Rapid Card
<del>4.</del>	HCV	<i>non-reactive</i>	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	NSI 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:

*[Signature]*  
 Technician

*[Signature]*  
 Microbiologist