

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: PPCT/ICTC(P)  
DISTRICT HOSPITAL, KARWA

Name: Surname Noel Middle name C. First Name Sudha  
Age: 52 / F (years)

Gender:  Male  Female  Transgender

PID No.: C20-3053 Lab ID No.: \_\_\_\_\_

Date & Time of Blood Drawn: 04.9.14 (DD/MM/YY) \_\_\_\_\_ (HH:MM)

**Test Details:**

- Specimen type used for testing (tick one): Serum / Plasma / Whole Blood
- Date & Time of specimen tested: 04.9.14 (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>carb acid</u>	<u>NA</u>	<u>NA</u>	<u>Negative</u>
Test II: <u>/</u>			<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 ART centers

Name & Signature [Signature]  
Laboratory technician

Name & Signature [Signature]  
Laboratory In-Charge  
DISTRICT HOSPITAL  
KARWA



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**Karwar Institute of Medical Sciences, Karwar**  
 Mahatma Gandhi Road, Karwar, Karnataka - 581301



**HEMATOLOGY & CLINICAL PATHOLOGY REPORT**

Name of Patient : Suaha ; Age/Sex : 4y/f ; UHID : \_\_\_\_\_ ; Ward : \_\_\_\_\_  
 Dept/Unit : \_\_\_\_\_ ; IP/OP No.: 31275 ; Ref. Dr: \_\_\_\_\_ ; Sample ID : 60223

**COMPLETE BLOOD COUNT**

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE VALUE	METHOD
Hb %	8.6	gm/dl	ADULT MALE: 12.3-17; ADULT FEMALE: 9.9-14.3	SLS-Hemoglobin
WBC count	7,100	/cu mm	ADULT MALE: 4.2-9.8; ADULT FEMALE: 4.0-10.4	Flow-cytometry
Neutrophil	57	%	ADULT MALE: 42-74; ADULT FEMALE: 44-75	Diff Scattergram
Lymphocyte	35	%	ADULT MALE: 18-45; ADULT FEMALE: 18-45	Diff Scattergram
Monocyte	04	%	ADULT MALE: 2-10; ADULT FEMALE: 2-9	Diff Scattergram
Eosinophil	04	%	ADULT: 1-8	Diff Scattergram
Basophil	00	%	ADULT MALE: 0-1; ADULT FEMALE: 0-1	Diff Scattergram
Others			%	
Platelet count	2.76	lakh/cu mm	ADULT MALE: 1.3-3.8; ADULT FEMALE: 1.3-4.2	Flow-cytometry
Hematocrit	26.8	%	ADULT MALE: 37-51; ADULT FEMALE: 30-43	RBC pulse height
MCV	87.3	fl	ADULT MALE: 78-97; ADULT FEMALE: 72-96	Calculated
MCH	28.2	pg	ADULT MALE: 26-33; ADULT FEMALE: 23-32	Calculated
MCHC	32.3	g/dl	ADULT MALE: 31-36; ADULT FEMALE: 30-35	Calculated
RDW	13.3	%	ADULT MALE: 11.6-14.4; ADULT FEMALE: 11.7-14.4	RBC scattergram
RBC count	3.07	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.

Date : 4/9/24

Tech Sign:

Pathologist Sign:



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KARWAR INSTITUTE OF MEDICAL SCIENCES, KARWAR



DEPARTMENT OF BIOCHEMISTRY / ಜೀವ ರಸಾಯನಶಾಸ್ತ್ರ ವಿಭಾಗ

Name : <u>Sudha</u>	OP/IP No. <u>31275</u>	Lab Ref No. <u>118160222124</u>
Age : <u>44y</u> Sex : <u>Male/Female</u>	Ward / Unit :	Receipt No.:
Specimen Received :	Ref. Dr. :	Date : <u>4/9/24</u>

CLINICAL BIOCHEMISTRY REPORT / ಚಿಕಿತ್ಸಾ ಜೀವ ರಸಾಯನಶಾಸ್ತ್ರ ದ ವರದಿ

Analyte	Measured Value	Reference Interval
Routine Chemistry		75 - 110 mg/dl
Glucose (FBS)		UPTO 140 mg/dl
PPBS		< 150 mg/dl
RBS	<u>145.7</u>	Non-Diabetic (NGSP) - 4-6% Non-Diabetic (NGSP) - 4.6 - 6.2% Prediabetic/High risk : 5.7 - 6.4% Diabetic adult > 6.5% * Good control : <7% * Insufficient control : >8%
HbA 1c(Gly Hb) (Immunoturbidimetry)		
HbA 1c(Gly Hb) (Nephelometry)		
Blood Urea	<u>49.1</u>	15-40 mg/dl
Creatinine	<u>6.53</u>	0.7- 1.4 mg/dl
Uric Acid (a)	<u>7.1</u>	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
I hr		Up to 153 mg/dL
II hr		
G.T.T. (Routine)		74 - 106 mg/dL
Fasting		120 - 170 mg/dL
I hr		70 - 120mg/dL
II hr		
Electrolytes		
Sodium	<u>137</u>	135 - 145 mEq/L
Potassium	<u>5.0</u>	3.5-5.0 mEq/L
Chloride	<u>112</u>	95 - 108 mEq/L
Bicarbonate		24-28 mEq/L
Lipid Profile		
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
Liver Profile		
Bilirubin Total	<u>0.24</u>	0.2-1.1 mg/dL
Bilirubin Direct	<u>0.10</u>	UP to 0.3 mg/dL
SGOT	<u>11.1</u>	15 - 37 U/L
SGPT	<u>16.4</u>	30 - 65 U/L
Alkaline Phosphatase	-	Children (3 - 5 yrs) : 104 - 390 IU/L
A.L.P	<u>128</u>	Adults : 25 - 147 IU/L
GGT	-	M : 15 - 85 : F:5 - 55 U/L
Total Protein	<u>6.22</u>	6.4 - 8.3 g/dL
Albumin	<u>3.59</u>	3.5 - 5.1 g/dL
A : G ratio	<u>1.4</u>	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		upto 30 mg/dL
LP (a)		
<b>Pancreatic Profile</b>		35 - 140 U/L
Amylase		< 38 U/L
Lipase		
<b>Others</b>		8.5 - 11.0 mg/dL
Calcium	8.3	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		
<b>Bone Markers</b>		<11 Pg/mL
Calcitonin		10 - 69 pg/mL
PTH		
<b>Anaemia</b>		M: 50-168: F: 35-145 ug/dL
Iron		M: 25 - 350 ng/mL, F : 13-232 ng/mL
Ferritin (CLIA)		M: 30-220ng/mL F : 20-110ng/mL
Ferritini (Nephelometry)		M: 15-200 ug/L F : 15-150 ug/L
Ferritin (Immunoturbidimery)		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>		0.69-2.15 ng/mL
Total T3		52-127 ng/mL
Total T4		0.3 - 4.5 ulU/mL
TSH		0.4 - 8.6 ulU/mL
Neonatal TSH		
<b>Fertility profile</b>		Male : 0.7 - 11.1 mIU/mL
FSH		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		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 ಪ್ರಭಾರಾಧಿಕಾರಿಗಳು

Prof. & HOD of Biochemistry  
ಜೀವರಸಾಯಾನಶಾಸ್ತ್ರದ ಪ್ರಾಧ್ಯಾಪಕರು  
ಹಾಗೂ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರು