



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



HEMATOLOGY & CLINICAL PATHOLOGY REPORT

Name of Patient : Arjun ; Age/Sex : 67/M ; UHID : _____ ; Ward : _____
 Dept/Unit : _____ ; IP/OP No.: 1321 ; Ref. Dr: _____ ; Sample ID : 68462

COMPLETE BLOOD COUNT

TEST	RESULT	UNIT	BIOLOGICAL REFERENCE VALUE	METHOD
Hb %	10.6	gm/dl	ADULT MALE: 12.3-17; ADULT FEMALE: 9.9-14.3	SLS-Hemoglobin
WBC count	3.800	/cu mm	ADULT MALE: 4.2-9.8; ADULT FEMALE: 4.0-10.4	Flow-cytometry
Neutrophil	68	%	ADULT MALE: 42-74; ADULT FEMALE: 44-75	Diff Scattergram
Lymphocyte	24	%	ADULT MALE: 18-45; ADULT FEMALE: 18-45	Diff Scattergram
Monocyte	06	%	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	1.62	lakh/cu mm	ADULT MALE: 1.3-3.8; ADULT FEMALE: 1.3-4.2	Flow-cytometry
Hematocrit	31.2	%	ADULT MALE: 37-51; ADULT FEMALE: 30-43	RBC pulse height
MCV	84.8	fl	ADULT MALE: 78-97; ADULT FEMALE: 72-96	Calculated
MCH	28.9	pg	ADULT MALE: 26-33; ADULT FEMALE: 23-32	Calculated
MCHC	34.1	g/dl	ADULT MALE: 31-36; ADULT FEMALE: 30-35	Calculated
RDW	12.4	%	ADULT MALE: 11.6-14.4; ADULT FEMALE: 11.7-14.4	RBC scattergram
RBC count	3.68	million/cu mm	ADULT MALE: 4.5-5.5; ADULT FEMALE: 3.5-5.2	Flow-cytometry
ESR	-	mm/1 st 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 : 4/10/24

Tech Sign:

Pathologist Sign:



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KARWAR INSTITUTE OF MEDICAL SCIENCES, KARWAR



DEPARTMENT OF BIOCHEMISTRY / ಜೀವ ರಸಾಯನಶಾಸ್ತ್ರ ವಿಭಾಗ

Name : Arun
 Age : 67 Sex : Male / Female
 Specimen Received :
 OP/IP No. 1371 Lab Ref No. SU/6809/24
 Ward / Unit : Receipt No.:
 Ref. Dr. : Date : 04/10/24

CLINICAL BIOCHEMISTRY REPORT / ಚಿಕಿತ್ಸಾ ಜೀವ ರಸಾಯನಶಾಸ್ತ್ರ ವ ವರದಿ

Analyte	Measured Value	Reference Interval
Routine Chemistry		
Glucose (FBS)		75 - 110 mg/dl
PPBS		UPTO 140 mg/dl
RBS		< 150 mg/dl
HbA 1c(Gly Hb) (Immunoturbidimetry)	<u>130.8</u>	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%
Blood Urea		15-40 mg/dl
Creatinine	<u>64.6</u>	0.7- 1.4 mg/dl
Uric Acid (a)	<u>9.8</u>	M : 3.5 - 7.2, : F : 2.6 - 6.0 mg/dl
	<u>7.0</u>	
G.T.T. (Pregnancy)		
Fasting		Up to 92 mg/dL
I hr		Up to 180 mg/dL
II hr		Up to 153 mg/dL
G.T.T. (Routine)		
Fasting		74 - 106 mg/dL
I hr		120 - 170 mg/dL
II hr		70 - 120mg/dL
Electrolytes		
Sodium	<u>140</u>	135 - 145 mEq/L
Potassium	<u>4.6</u>	3.5-5.0 mEq/L
Chloride	<u>101</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>0.29</u>	0.2-1.1 mg/dL
Bilirubin Direct	<u>0.17</u>	UP to 0.3 mg/dL
SGOT	<u>18.6</u>	15 - 37 U/L
SGPT	<u>10.2</u>	30 - 65 U/L
Alkaline Phosphatase	<u>152.0</u>	Children (3 - 5 yrs) : 104 - 390 IU/L
<u>ALP</u>		Adults : 25 - 147 IU/L
GGT	<u>6.90</u>	M : 15 - 85 : F:5 - 55 U/L
Total Protein	<u>3.25</u>	6.4 - 8.3 g/dL
Albumin	<u>0.8</u>	3.5 - 5.1 g/dL
A : G ratio		1.0 - 2.3

Cardiac Markers		
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		upto 30 mg/dL
LP (a)		
Pancreatic Profile		
Amylase		
Lipase		
Others		
Calcium		35 - 140 U/L
Phosphorous		< 38 U/L
Magnesium	8.2	8.5 - 11.0 mg/dL
ACP (Total & Prostate Specific)		2.5 - 5.0 mg/dL
CRP		1.5 - 2.5 mg/dL
Procalcitonin		Tot : Upto 9.0 : Pr.Sq: Upto 3.0 U/L
D-Dimer		Up to 6 mg/L
Bone Markers		
Calcitonin		< 500 ng/ML or 0.5 ug/ml
PTH		<11 Pg/mL
Anaemia		
Iron		10 - 69 pg/mL
Ferritin (CLIA)		M: 50-168: F: 35-145 ug/dL
Ferritini (Nephelometry)	LS:00	M: 25 - 350 ng/mL, F : 13-232 ng/mL
Ferritin (Immunoturbidimery)		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		250-425 ug/dL
Thyroid Profile		
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
Fertility profile		
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
		Male : 0.8 - 7.6 mIU/mL
LH		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		
Arterial Blood Gas Analysis		
pH		7.35-7.45
PaCO ₂		32.0-48.0 mmHg
PaO ₂		83.108 mmHg

NOTE Kindly Correlate Clinically

Signature of Lab Technician
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Signature of Lab In-Charge
 ಪ್ರಯೋಗಾಲಯ ಪ್ರಭಾಷಕಾರಿಗಳು

Prof. & HOD of Biochemistry
 ಜೀವರಸಾಯನಶಾಸ್ತ್ರದ ಪ್ರಾಧ್ಯಾಪಕರು
 ಹಾಗೂ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥರು



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



DEPARTMENT OF MICROBIOLOGY
CENTRAL CLINICAL LABORATORY REPORT

Name: Arun Age/Sex: 67/M Ward/Unit: _____
 Dept: _____ IP/OP No: 1371 Ref by: _____
 Lab No: 27169 / 68462

SL. No.	TEST	IMPRESSION	METHOD
1.	WIDAL	O : H : AH : BH :	Slide/Tube agglutination
2.	RPR/VDRL	Titre :	Slide flocculation / card
3.	HBsAg		Rapid Card
4.	HCV	Negative Non-reactive	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	Rapid Card
		IgM Antibody	
		IgM Antibody	
11.	M.P.		Rapid Card
12.	HIV 1 & 2	<u>Non-reactive</u>	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