





Dr. Vinay Chop MD (Pathology & Mic Chairman & Consulta	robiology)		Pathology)
NAME: Mr. SAHILAGE/ GENDER: 18 YRS/MALECOLLECTED BY:REFERRED BY:BARCODE NO.: 01514958CLIENT CODE.: KOS DIAGNOSTIC LABCLIENT ADDRESS: 6349/1, NICHOLSON ROAD, AME	BALA CANT	PATIENT ID REG. NO./LAB NO. REGISTRATION DATE COLLECTION DATE REPORTING DATE T	: 1578281 : 012408120052 : 12/Aug/2024 02:38 PM : 12/Aug/2024 03:41PM : 12/Aug/2024 04:42PM
Test Name	Value	Unit	Biological Reference interval
	HAE	MATOLOGY	
COM		LOOD COUNT (CBC)	
RED BLOOD CELLS (RBCS) COUNT AND INDICES			
HAEMOGLOBIN (HB)	7.3 ^L	gm/dL	12.0 - 17.0
by CALORIMETRIC RED BLOOD CELL (RBC) COUNT	2.37 ^L	o Millions/c	mm 3.50 - 5.00
by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE			
PACKED CELL VOLUME (PCV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	22 ^L	%	40.0 - 54.0
MEAN CORPUSCULAR VOLUME (MCV)	93	fL	80.0 - 100.0
by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER MEAN CORPUSCULAR HAEMOGLOBIN (MCH)	30.9	pg	27.0 - 34.0
by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER			
MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER	33.3	g/dL	32.0 - 36.0
RED CELL DISTRIBUTION WIDTH (RDW-CV)	18 ^H	%	11.00 - 16.00
by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER RED CELL DISTRIBUTION WIDTH (RDW-SD)	58.1 ^H	fL	35.0 - 56.0
by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER			
MENTZERS INDEX by CALCULATED	39.24	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDEX	70.86	RATIO	BETA THALASSEMIA TRAIT: < =
by CALCULATED			65.0
WHITE BLOOD CELLS (WBCS)			IRON DEFICIENCY ANEMIA: > 65.0
TOTAL LEUCOCYTE COUNT (TLC)	1340 ^L	/cmm	4000 - 11000
by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY			
NUCLEATED RED BLOOD CELLS (nRBCS) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER & MICROSCOPY	NIL		0.00 - 20.00
NUCLEATED RED BLOOD CELLS (nRBCS) % by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER & MICROSCOPY	NIL	%	< 10 %

DIFFERENTIAL LEUCOCYTE COUNT (DLC)



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT







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Test Name		Value	Unit	Biological Reference interval	
NEUTROPHILS		67	%	50 - 70	
	Y BY SF CUBE & MICROSCOPY				
LYMPHOCYTES by FLOW CYTOMETR	Y BY SF CUBE & MICROSCOPY	30	%	20 - 40	
EOSINOPHILS		0 ^L	%	1 - 6	
by FLOW CYTOMETR MONOCYTES	Y BY SF CUBE & MICROSCOPY	3	%	2 - 12	
by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY		3			
BASOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY		0	%	0 - 1	
ABSOLUTE LEUKOCY					
ABSOLUTE NEUTROPHIL COUNT		898 ^L	/cmm	2000 - 7500	
by FLOW CYTOMETR ABSOLUTE LYMPHO	Y BY SF CUBE & MICROSCOPY		/cmm	800 - 4900	
	Y BY SF CUBE & MICROSCOPY	402 ^L	Zenim	600 - 4900	
ABSOLUTE EOSINOP	HIL COUNT Y by sf cube & microscopy	0 ^L	/cmm	40 - 440	
ABSOLUTE MONOCY	TE COUNT	40 ^L	/cmm	80 - 880	
by FLOW CYTOMETR ABSOLUTE BASOPHI	Y BY SF CUBE & MICROSCOPY	0	/cmm	0 - 110	
by FLOW CYTOMETRY	Y BY SF CUBE & MICROSCOPY	U	7611111	0 110	
	RE GRANULOCYTE COUNT Y BY SF CUBE & MICROSCOPY	0	/cmm	0.0 - 999.0	
	HER PLATELET PREDICTIVE MARKEI	RS.			
	LT) FOCUSING, ELECTRICAL IMPEDENCE	131000 ^L	/cmm	150000 - 450000	
PLATELETCRIT (PCT)		0.14	%	0.10 - 0.36	
	FOCUSING, ELECTRICAL IMPEDENCE	11	fL	6 50 12 0	
MEAN PLATELET VOLUME (MPV) by hydro dynamic focusing, electrical impedence		11	IL	6.50 - 12.0	
PLATELET LARGE CEL	· · · · ·	42000	/cmm	30000 - 90000	
PLATELET LARGE CEI	FOCUSING, ELECTRICAL IMPEDENCE	31.9	%	11.0 - 45.0	
by HYDRO DYNAMIC F	OCUSING, ELECTRICAL IMPEDENCE				
PLATELET DISTRIBUT	TION WIDTH (PDW) FOCUSING, ELECTRICAL IMPEDENCE	16.8	%	15.0 - 17.0	

by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBA	LA CANTT	
Tost Namo		Value	Piological Poforonco interval

 Test Name
 Value
 Unit
 Biological Reference interval

RECHECKED.



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			LFURIING DATE	. 12/ Aug/ 2024 04.24PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTI		
Test Name		Value	Unit	Biological Reference interval
			RY/BIOCHEMISTR TEST (COMPLETE)	Y
			•	
BILIRUBIN TOTAL: S	ERUM pectrophotometry	0.95	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	CONJUGATED): SERUM SPECTROPHOTOMETRY	0.38	mg/dL	0.00 - 0.40
	C (UNCONJUGATED): SERUM	0.57	mg/dL	0.10 - 1.00
SGOT/AST: SERUM		7.8	U/L	7.00 - 45.00
	RIDOXAL PHOSPHATE		11/1	0.00 40.00
SGPT/ALT: SERUM	RIDOXAL PHOSPHATE	25.7	U/L	0.00 - 49.00
AST/ALT RATIO: SER	UM	0.3	RATIO	0.00 - 46.00
ALKALINE PHOSPHA	ECTROPHOTOMETRY TASE: SERUM IYL PHOSPHATASE BY AMINO METHYL	112.77	U/L	50.00 - 370.00
	TRANSFERASE (GGT): SERUM	23.64	U/L	0.00 - 55.0
TOTAL PROTEINS: S	ERUM	6.12 ^L	gm/dL	6.20 - 8.00
ALBUMIN: SERUM		3.69	gm/dL	3.50 - 5.50
GLOBULIN: SERUM	ECTROPHOTOMETRY	2.43	gm/dL	2.30 - 3.50
A : G RATIO: SERUM		1.52	RATIO	1.00 - 2.00

<u>INTERPRETATION</u> NOTE:- To be correlated in individuals having SGOT and SGPT values higher than Normal Referance Range.

USE: - Differential diagnosis of diseases of hepatobiliary system and pancreas.

INCREASED:

DRUG HEPATOTOXICITY	> 2
ALCOHOLIC HEPATITIS	> 2 (Highly Suggestive)
CIRRHOSIS	1.4 - 2.0





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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	IBALA CANT	Т	
Test Name		Value	Unit	Biological Reference interval
INTRAHEPATIC CHO	estatis		> 1.5	
HEPATOCELLULAR C	ARCINOMA & CHRONIC HEPATITIS		> 1.3 (Slightly Inc	reased)

1. Acute Hepatitis due to virus, drugs, toxins (with AST increased 3 to 10 times upper limit of normal)

2. Extra Hepatic cholestatis: 0.8 (normal or slightly decreased). **PROGNOSTIC SIGNIFICANCE:**

NORMAL	< 0.65
GOOD PROGNOSTIC SIGN	0.3 - 0.6
POOR PROGNOSTIC SIGN	1.2 - 1.6

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NAME

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AGE/ GENDER

COLLECTED BY

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CLIENT CODE.

Test Name



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Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist

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ICHOLSON ROAD, AM	IBALA CANTT		
	Value	Unit	Biological Reference interval

	KIDNEY FUNCTION	I TEST (BASIC)	
UREA: SERUM by UREASE - GLUTAMATE DEHYDROGENASE (GLDH)	13.44	mg/dL	10.00 - 50.00
CREATININE: SERUM by ENZYMATIC, SPECTROPHOTOMETERY	0.77	mg/dL	0.40 - 1.40
BLOOD UREA NITROGEN (BUN): SERUM by calculated, spectrophotometery	6.28 ^L	mg/dL	7.0 - 25.0
BLOOD UREA NITROGEN (BUN)/CREATININE RATIO: SERUM	8.16 ^L	RATIO	10.0 - 20.0
by CALCULATED, SPECTROPHOTOMETERY UREA/CREATININE RATIO: SERUM by CALCULATED, SPECTROPHOTOMETERY	17.45	RATIO	
URIC ACID: SERUM by URICASE - OXIDASE PEROXIDASE	2.9 ^L	mg/dL	3.60 - 7.70



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Test Name	Value	Unit	Biological Reference interval
3.GI hemorrhage. 4.High protein intake 5.Impaired renal fun 6.Excess protein inta burns, surgery, cache 7.Urine reabsorption 8.Reduced muscle m 9.Certain drugs (e.g. 1 INCREASED RATIO (>2 1.Postrenal azotemia 2.Prerenal azotemia 2.Prerenal azotemia 2.Prerenal azotemia 3.Severe liver disease 4.Other causes of de 5.Repeated dialysis (6.Inherited hyperam 7.SIADH (syndrome c 8.Pregnancy. DECREASED RATIO (< 1.Phenacimide thera 2.Rhabdomyolysis (r 3.Muscular patients INAPPROPIATE RATIO 1.Diabetic ketoacido should produce an ir	ction plus . ke or production or tissue breakdown (e.g. infe xia, high fever). (e.g. ureterocolostomy) ass (subnormal creatinine production) tetracycline, glucocorticoids) 20:1) WITH ELEVATED CREATININE LEVELS: a (BUN rises disproportionately more than creat superimposed on renal disease. 10:1) WITH DECREASED BUN : osis. ad starvation. e. creased urea synthesis. urea rather than creatinine diffuses out of extr monemias (urea is virtually absent in blood). of inappropiate antidiuretic harmone) due to tul 10:1) WITH INCREASED CREATININE: py (accelerates conversion of creatine to creati eleases muscle creatinine). who develop renal failure.	tinine) (e.g. obstructive uropat racellular fluid). bular secretion of urea. nine).	thy).
	DR.VINAY CHOPRA	Tugam Chopra	

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7







J 9001 : 2008 CERT	IFIED LAB			EXCELLENCE IN HEALTHCARE	
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CLIENT ADDRESS		CHOLSON ROAD, AMB			1 12/ 1148/ 202 1 00:001 M
Test Name			Value	Unit	Biological Reference interval
		ELECT	ROLYTES CO	MPLETE PROFILE	
sodium: serum			137.6	mmol/L	135.0 - 150.0
by ISE (ION SELECTIV					
POTASSIUM: SERUN by ISE (ION SELECTIV			3.78	mmol/L	3.50 - 5.00
CHLORIDE: SERUM	L LLLOTRODL)		103.2	mmol/L	90.0 - 110.0
by ISE (ION SELECTIV	E ELECTRODE)				
HYPONATREMIA (LOV 1. Low sodium intake 2. Sodium loss due to 3. Diuretics abuses. 4. Salt loosing nephr 5. Metabolic acidosis 6. Adrenocortical issis 7. Hepatic failure. HYPERNATREMIA (INC 1. Hyperapnea (Prolor 2. Diabetes insipidus 3. Diabetic acidosis 4. Cushings syndrome 5. Dehydration	o diarrhea & voi opathy. s. uficiency . CREASED SODIU nged)	miting with adequate v	water and iadequ	uate salt replacement.	
POTASSIUM:- Potassium is the maj released in the blood HYPOKALEMIA (LOW 1. Diarrhoea, vomitin 2. Severe Burns. 3. Increased Secretior HYPERKALEMIA (INCR	POTASSIUM LE g & malabsorpt ns of Aldosteror	VELS):- tion. ne	% of potassium	is concentrated within	the cells. When cells are damaged, potassium





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Test Name	Valu	e Unit	Biological Reference interval

4.Hemolysis of blood

*** End Of Report ***



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