



	Dr. Vinay Chopr MD (Pathology & Mice Chairman & Consultae	robiology)		(Pathology)
NAME	: Mrs. SUDHA MITTAL			
AGE/ GENDER	: 70 YRS/FEMALE		PATIENT ID	: 1546441
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 012407120014
REFERRED BY	:		REGISTRATION DATE	: 12/Jul/2024 09:54 AM
BARCODE NO.	: 01512962		COLLECTION DATE	: 12/Jul/2024 10:32AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 12/Jul/2024 11:03AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	ALA CANT	Т	
Test Name		Value	Unit	Biological Reference interval
		HAEN	MATOLOGY	
	COM		LOOD COUNT (CBC)	
RED BLOOD CELLS (F	RBCS) COUNT AND INDICES			
HAEMOGLOBIN (HB)		11.3 ^L	gm/dL	12.0 - 16.0
<i>by CALORIMETRIC</i> RED BLOOD CELL (RE		4.1	Millions/	cmm 3.50 - 5.00
by HYDRO DYNAMIC F PACKED CELL VOLUN	OCUSING, ELECTRICAL IMPEDENCE	36 ^L	%	37.0 - 50.0
	AUTOMATED HEMATOLOGY ANALYZER	87.7	fL	80.0 - 100.0
by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER			
	R HAEMOGLOBIN (MCH)	27.3 ^L	pg	27.0 - 34.0
MEAN CORPUSCULA	R HEMOGLOBIN CONC. (MCHC)	31.1 ^L	g/dL	32.0 - 36.0
RED CELL DISTRIBUT	TION WIDTH (RDW-CV)	16.5 ^H	%	11.00 - 16.00
RED CELL DISTRIBUT	ION WIDTH (RDW-SD)	53.6	fL	35.0 - 56.0
by CALCULATED BY A MENTZERS INDEX by CALCULATED	UTOMATED HEMATOLOGY ANALYZER	21.39	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDE	X	34.96	RATIO	BETA THALASSEMIA TRAIT: < =
by CALCULATED				65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CELLS	<u>S (WBCS)</u>			
TOTAL LEUCOCYTE C	OUNT (TLC) y by sf cube & microscopy	4260	/cmm	4000 - 11000
NUCLEATED RED BLC		NIL		0.00 - 20.00
by CALCULATED BY A MICROSCOPY	DOD CELLS (nRBCS) % NUTOMATED HEMATOLOGY ANALYZER & DCYTE COUNT (DLC)	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	RY BY SF CUBE & MICROSCOPY	72 ^H	%	50 - 70
LYMPHOCYTES	RY BY SF CUBE & MICROSCOPY	16 ^L	%	20 - 40
EOSINOPHILS		4	%	1 - 6
	Y BY SF CUBE & MICROSCOPY			
MONOCYTES		8	%	2 - 12
BASOPHILS	RY BY SF CUBE & MICROSCOPY	0	%	0 - 1
	Y BY SF CUBE & MICROSCOPY	0	70	0 - 1
ABSOLUTE LEUKOC	YTES (WBC) COUNT			
ABSOLUTE NEUTRO	PHIL COUNT	3067	/cmm	2000 - 7500
by FLOW CYTOMETR	Y BY SF CUBE & MICROSCOPY			
ABSOLUTE LYMPHC		682 ^L	/cmm	800 - 4900
ABSOLUTE EOSINOF	RY BY SF CUBE & MICROSCOPY	170	/cmm	40 - 440
	RY BY SF CUBE & MICROSCOPY	170	/ cmim	0-1-0
ABSOLUTE MONOC		341	/cmm	80 - 880
	RY BY SF CUBE & MICROSCOPY			
	IL COUN I BY BY SF CUBE & MICROSCOPY	0	/cmm	0 - 110
	JRE GRANULOCYTE COUNT	0	/cmm	0.0 - 999.0
	RY BY SF CUBE & MICROSCOPY		/ 011111	
<u>PLATELETS AND OT</u>	HER PLATELET PREDICTIVE MARKE	ERS.		
PLATELET COUNT (F	PLT)	235000	/cmm	150000 - 450000
,	FOCUSING, ELECTRICAL IMPEDENCE			
PLATELETCRIT (PCT)		0.29	%	0.10 - 0.36
MEAN PLATELET VC	FOCUSING, ELECTRICAL IMPEDENCE	12 ^H	fL	6.50 - 12.0
	FOCUSING, ELECTRICAL IMPEDENCE	12		0.30 - 12.0
PLATELET LARGE CE		102000 ^H	/cmm	30000 - 90000
-	FOCUSING, ELECTRICAL IMPEDENCE		0/	
PLATELET LARGE CE	LL RATIO (P-LCR) FOCUSING, ELECTRICAL IMPEDENCE	43.7	%	11.0 - 45.0
	TION WIDTH (PDW)	16.5	%	15.0 - 17.0



by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE

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NAME	: Mrs. SUDHA MITTAL		
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Test Niewe		Maker Helt	Distantial Defenses interval
Test Name		Value Unit	Biological Reference interval

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD

RECHECKED

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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	FRYTH	ROCYTE SEDIMENT	ATION RATE (ESR	
by MODIFIED WESTER INTERPRETATION: 1. ESR is a non-specif mmune disease, but 2. An ESR can be affe- as C-reactive protein 3. This test may also I systemic lupus erythe CONDITION WITH LOV A low ESR can be see (polycythaemia), sign as sickle cells in sickl NOTE: 1. ESR and C - reactive 2. Generally, ESR doe 3. CRP is not affected 4. If the ESR is elevate 5. Women tend to ha 6. Drugs such as dext	does not tell the health practition cted by other conditions besides i be used to monitor disease activit ematosus W ESR n with conditions that inhibit the ifficantly high white blood cell cou e cell anaemia) also lower the ES e protein (C-RP) are both markers s not change as rapidly as does CF by as many other factors as is ESR ed, it is typically a result of two ty ye a higher ESR, and menstruation	ner exactly where the in nflammation. For this r ty and response to ther normal sedimentation unt (leucocytosis), and R. of inflammation. RP, either at the start o c, making it a better mar pes of proteins, globuli o and pregnancy can can	flammation is in the eason, the ESR is typ apy in both of the ab of red blood cells, su some protein abnorn f inflammation or as ker of inflammation. us or fibrinogen. use temporary elevat	on associated with infection, cancer and auto body or what is causing it. cally used in conjunction with other test suc ove diseases as well as some others, such as ch as a high red blood cell count nalities. Some changes in red cell shape (suc it resolves.





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Test Name		Value	Unit	Biological Reference interval
	CUN	IICAL CHEMISTRY	//BIOCHEMISTR	Y
	CLIN			
	CEIN	GLUCOSE FAS	STING (F)	

KOS Diagnostic Lab (A Unit of KOS Healthcare)

A fasting plasma glucose level below 100 mg/dl is considered normal.
 A fasting plasma glucose level between 100 - 125 mg/dl is considered as glucose intolerant or prediabetic. A fasting and post-prandial blood test (after consumption of 75 gms of glucose) is recommended for all such patients.
 A fasting plasma glucose level of above 125 mg/dl is highly suggestive of diabetic state. A repeat post-prandial is strongly recommended for all such patients.
 A fasting plasma glucose level in excess of 125 mg/dl on both occasions is confirmatory for diabetic state.



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	: KOS DIAGNOS HC LAB : 6349/1, NICHOLSON ROAD,			
CLIENT CODE. CLIENT ADDRESS Test Name			Unit	Biological Reference interval
CLIENT ADDRESS		AMBALA CANTT	Unit	
CLIENT ADDRESS Test Name SGOT/AST: SERUM	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT	Unit	
CLIENT ADDRESS Test Name SGOT/AST: SERUM by IFCC, WITHOUT PY SGPT/ALT: SERUM		AMBALA CANTT Value SGOT/SGPT F	Unit	Biological Reference interval

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
INTRAHEPATIC CHOLESTATIS	> 1.5
HEPATOCELLULAR CARCINOMA & CHRONIC HEPATITIS	> 1.3 (Slightly Increased)

DECREASED:-

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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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



KOS Diagnostic Lab (A Unit of KOS Healthcare)

ISO 9001 : 2008 CERTI	FIED LAB		EXCELLENCE	IN HEALTHCARE	& DIAGNOSTICS	
	MD (P	' inay Chopra athology & Microbiology) nan & Consultant Pathologi		MD	Chopra (Pathology) Pathologist	
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS	: Mrs. SUDHA MITT : 70 YRS/FEMALE : SURJESH : : 01512962 : KOS DIAGNOSTIC I : 6349/1, NICHOLSO		PATIENT ID REG. NO./LAB I REGISTRATION COLLECTION D REPORTING D/	N DATE ATE	: 1546441 : 012407120014 : 12/Jul/2024 09:54 AM : 12/Jul/2024 10:32AM : 12/Jul/2024 11:33AM	
Test Name	_	Value	_	Unit	Biological Reference interval	
CREATININE: SERUM by ENZYMATIC, SPECT		0.59 CRE	Chopra	mg/dL	0.40 - 1.20	
	DR.VINAY CHOPRA CONSULTANT PATHOL MBBS, MD (PATHOLOG	OGIST CONS	GAM CHOPRA ULTANT PATHOLOGI , MD (PATHOLOGY)	ST		
	loor, Parry Hotel, Staff Re	Cantt -133 001, Haryana oad, Opp. GPO, Ambala Cantt ncare.com www.koshealtho			Page 7 of 8	





		& Microbiology)	Dr. Yugan MD EO & Consultant	(Pathology)
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	II	/IMUNOPATHOLOGY	SEROLOGY	
		C-REACTIVE PROTEI	N (CRP)	
SERUM by NEPHLOMETRY INTERPRETATION:	N (CRP) QUANTITATIVE:	1.18	mg/L	0.0 - 6.0
	(CRP) is one of the most sensiti	ve acute-phase reactants for more) after severe trauma, k	inflammation. Dacterial infectio	n, inflammation, surgery, or neoplastic
 C-reactive protein CRP levels can incl 		,		

and the recovery being earlier than ESR. Unlike ESR, CRP levels are not influenced by hematologic co 5. Elevated values are consistent with an acute inflammatory process. NOTE:

KOS Diagnostic Lab (A Unit of KOS Healthcare)

1. Elevated C-reactive protein (CRP) values are nonspecific and should not be interpreted without a complete clinical history. 2. Oral contraceptives may increase CRP levels.

*** End Of Report ***





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