

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultar	obiology)	Dr. Yugam MD (CEO & Consultant	Pathology)
NAME	: Mrs. JOGINDERO			
AGE/ GENDER	: 70 YRS/FEMALE	F	PATIENT ID	: 1653816
COLLECTED BY	:	F	REG. NO./LAB NO.	: 012410260035
REFERRED BY	:		REGISTRATION DATE	: 26/Oct/2024 11:03 AM
BARCODE NO. CLIENT CODE.	: 01519580 : KOS DIAGNOSTIC LAB		COLLECTION DATE REPORTING DATE	: 26/Oct/2024 11:04AM
LLIENT CODE. CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB/	-	CEPORTING DATE	: 26/Oct/2024 11:11AM
Test Name		Value	Unit	Biological Reference interval
		HAEMA	TOLOGY	
	СОМР	LETE BLO	OD COUNT (CBC)	
RED BLOOD CELLS	S (RBCS) COUNT AND INDICES			
HAEMOGLOBIN (H	B)	7.5 ^L	gm/dL	12.0 - 16.0
by CALORIMETRIC RED BLOOD CELL ((RBC) COUNT	3.99	Millions/o	cmm 3.50 - 5.00
PACKED CELL VOL		26.5 ^L	%	37.0 - 50.0
MEAN CORPUSCUL	AR VOLUME (MCV)	66.2 ^L	fL	80.0 - 100.0
MEAN CORPUSCUL	AR HAEMOGLOBIN (MCH)	18.8 ^L	pg	27.0 - 34.0
MEAN CORPUSCUL	AR HEMOGLOBIN CONC. (MCHC)	28.4 ^L	g/dL	32.0 - 36.0
RED CELL DISTRIB	UTION WIDTH (RDW-CV) AUTOMATED HEMATOLOGY ANALYZER	21.3 ^H	%	11.00 - 16.00
	UTION WIDTH (RDW-SD) AUTOMATED HEMATOLOGY ANALYZER	52.2	fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED		16.59	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INI by Calculated	DEX	35.35	RATIO	BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: >
				65.0
WHITE BLOOD CE				
FOTAL LEUCOCYTI by FLOW CYTOMETR	E COUNT (TLC) y by sf cube & microscopy	7710	/cmm	4000 - 11000
UCLEATED RED E	BLOOD CELLS (nRBCS) RT HEMATOLOGY ANALYZER	NIL		0.00 - 20.00
ULCI EATED DED I	BLOOD CELLS (nRBCS) %	NIL	%	< 10 %





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Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mrs. JOGINDERO AGE/ GENDER : 70 YRS/FEMALE **PATIENT ID** :1653816 **COLLECTED BY** :012410260035 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : 26/Oct/2024 11:03 AM **BARCODE NO.** :01519580 **COLLECTION DATE** : 26/Oct/2024 11:04AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 26/Oct/2024 11:11AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC) NEUTROPHILS** 80^H % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY LYMPHOCYTES 14^L % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 5 % 2 - 12by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BASOPHILS 0 % 0 - 1 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY **ABSOLUTE LEUKOCYTES (WBC) COUNT** ABSOLUTE NEUTROPHIL COUNT 6168 2000 - 7500 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 1079 800 - 4900 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 77 /cmm 40 - 440 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 386 /cmm 80 - 880 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE BASOPHIL COUNT 0 /cmm 0 - 110 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. PLATELET COUNT (PLT) 150000 - 450000 522000^H /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 0.51^H PLATELETCRIT (PCT) % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) 10 fL 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 30000 - 90000 PLATELET LARGE CELL COUNT (P-LCC) /cmm 133000^H by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE % PLATELET LARGE CELL RATIO (P-LCR) 25.511.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 15.0 - 17.0 15.6% by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE

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



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Test Name	Valu	e Unit	Biological Reference interval



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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	IBALA CANTT		
Test Name		Value	Unit	Biological Reference interva
BILIRUBIN DIRECT by DIAZO MODIFIED, S BILIRUBIN INDIRE by CALCULATED, SPE SGOT/AST: SERUM		0.17 0.58 25.4	mg/dL mg/dL U/L	ADULT: 0.00 - 1.20 0.00 - 0.40 0.10 - 1.00 7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PY	[/RIDOXAL PHOSPHATE	27.7	U/L	0.00 - 49.00
AST/ALT RATIO: S by CALCULATED, SPE	ERUM	0.92	RATIO	0.00 - 46.00
ALKALINE PHOSPI by PARA NITROPHEN PROPANOL	HATASE: SERUM YL PHOSPHATASE BY AMINO METHYL	151.88 ^H	U/L	40.0 - 130.0
GAMMA GLUTAMY by SZASZ, SPECTROF	L TRANSFERASE (GGT): SERUM PHTOMETRY	89.05 ^H	U/L	0.00 - 55.0
TOTAL PROTEINS: by BIURET, SPECTRO		6.69	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL G	REEN	4.03	gm/dL	3.50 - 5.50
GLOBULIN: SERUM	1	2.66	gm/dL	2.30 - 3.50
A : G RATIO: SERUI by CALCULATED, SPE INTERPRETATION	M	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:

NOREHOED.	
DRUG HEPATOTOXICITY	>2
ALCOHOLIC HEPATITIS	> 2 (Highly Suggestive)
CIRRHOSIS	1.4 - 2.0
INTRAHEPATIC CHOLESTATIS	> 1.5





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HEPATOCELLULAR C.	ARCINOMA & CHRONIC HEPATITIS	> 1.3 (Slightly Ir	ocreased)

	C	
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 Name		Value Unit	Biological Reference interval
	IMM	UNOPATHOLOGY/SEROL	.OGY
		C-REACTIVE PROTEIN (CRP)	
	EIN (CRP) QUANTITATIVE:	8.89^H mg/	/L 0.0 - 6.0

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

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

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 26/Oct/2024 12:09PM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT			
Test Name		Value	Unit	Biological Reference interval	
	RHEUMATOII	D FACTOR (R	A): QUANTITATIVE	- SERUM	
RHEUMATOID (RA) SERUM by NEPHLOMETRY INTERPRETATION:-	FACTOR QUANTITATIVE:	298.92 ^H	IU/mL	NEGATIVE: < 18.0 BORDERLINE: 18.0 - 25.0 POSITIVE: > 25.0	
 IRheumatoid factors (RF) are antibodies that are directed against the Fc fragment of IgG altered in its tertiary structure. Over 75% of patients with rheumatoid arthritis (RA) have an IgM antibody to IgG immunoglobulin. This autoantibody (RF) is diagnostically useful although it may not be etiologically related to RA. Inflammatory Markers such as ESR & C-Reactive protein (CRP) are normal in about 60% of patients with positive RA. The titer of RF correlates poorly with disease activity, but those patients with high titers tend to have more severe disease course. The titer of RF correlates poorly with disease activity, but those patients with high titers tend to have more severe disease course. The titer of RF correlates poorly with disease activity, but those patients with high titers tend to have more severe disease course. The titer of RF correlates poorly with disease activity, but those patients with high titers tend to have more severe disease course. The titer of RF correlates poorly with disease activity, but those patients with high titers tend to have more severe disease course. The titer of RF correlates poorly with disease activity, but those patients with high titers tend to have more severe disease scourse. The disease spredas from small to large joints, with greatest damage in early prate. The disease spredas from small to large joints, with greatest damage in early prate. The disease spredas from small to large thriftifs, as it is often present in healthy individuals with other autoimmune diseases and chronic infections and prognosid activity separate with regard to the presence of rheumatoid factor (RF) (15% of RA patients have a nonreactive titer and 8% of nonrheumatoid patients have a positive titer. An chroir is positive predictive value of Anti-CCP antibodies. Anti-CCP have been discovered in joints of patients with RA, but not in other form of joint disease. Anti-CCP2					

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