



NAME	: Mrs. ROOP KAUR				_
AGE/ GENDER	: 39 YRS/FEMALE		PATIENT ID	: 1715674	
COLLECTED BY	:		REG. NO./LAB NO.	: 042501040001	
REFERRED BY	:		REGISTRATION DATE	: 04/Jan/2025 12:21 PM	
BARCODE NO.	: A1260248		COLLECTION DATE	:04/Jan/202502:50PM	
CLIENT CODE.	: KOS DIAGNOSTIC SHAHBAD		REPORTING DATE	:04/Jan/202503:19PM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	BALA CANTI	ſ		
Test Name		Value	Unit	Biological Reference inter	rval
		HAEM	ATOLOGY		
		CYTE SEDI	MENTATION RATE (ESR)	
	ERYTHROO			hr 0 - 20	

A low ESR can be seen with conditions that inhibit the normal sedimentation of red blood cells, such as a high red blood cell count

(polycythaemia), significantly high white blood cell count (leucocytosis), and some protein abnormalities. Some changes in red cell shape (such as sickle cells in sickle cell anaemia) also lower the ESR.

NOTE:

ESR and C - reactive protein (C-RP) are both markers of inflammation.
 Generally, ESR does not change as rapidly as does CRP, either at the start of inflammation or as it resolves.

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 3. CRP is not affected by as many other factors as is ESR, making it a better marker of inflammation.
 4. If the ESR is elevated, it is typically a result of two types of proteins, globulins or fibrinogen.
 5. Women tend to have a higher ESR, and menstruation and pregnancy can cause temporary elevations.
 6. Drugs such as dextran, methyldopa, oral contraceptives, penicillamine procainamide, theophylline, and vitamin A can increase ESR, while explain a settience, and witamin A can increase ESR, while aspirin, cortisone, and quinine may decrease it





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TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT





		& Microbiology) onsultant Pathologist		(Pathology) : Pathologist
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CLIENT CODE.	: KOS DIAGNOSTIC SHAHBA	D I	REPORTING DATE	: 04/Jan/2025 03:34PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAI	D, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CLIN	ICAL CHEMIST	RY/BIOCHEMIST	'nY
		GLUCOSE	FASTING (F)	
GLUCOSE FASTING	F (F): PLASMA E - PEROXIDASE (GOD-POD)	82.98	mg/dL	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0

INTERPRETATION IN ACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES: 1. A fasting plasma glucose level below 100 mg/dl is considered normal. 2. 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. 3. 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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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





	MD (Pat	n ay Chopra hology & Microbiology) In & Consultant Pathologist	Dr. Yugan MD CEO & Consultant	(Pathology)
NAME	: Mrs. ROOP KAUR			
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CLIENT ADDRESS	: 6349/1, NICHOLSON	J ROAD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		CHOLESTER	COL: SERUM	
CHOLESTEROL TO by CHOLESTEROL ON		159.01	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0
INTERPRETATION: NATIONAL LI	PID ASSOCIATION	CHOLESTEROL IN AD	ULTS (mg/dL)	CHOLESTEROL IN ADULTS (mg/dL)

NATIONAL LIPID ASSOCIATION RECOMMENDATIONS (NLA-2014)	CHOLESTEROL IN ADULTS (mg/dL)	CHOLESTEROL IN ADULTS (mg/dL)	
DESIRABLE	< 200.0	< 170.0	
BORDERLINE HIGH	200.0 - 239.0	171.0 – 199.0	
HIGH	>= 240.0	>= 200.0	

NOTE:

More.
 Measurements in the same patient can show physiological & analytical variations. Three serial samples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL & LDL Cholesterol.
 As per National Lipid association - 2014 guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is recommended.



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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAI	D, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		URIC AG	CID	
URIC ACID: SERUM	1			2.50 - 6.80
by URICASE - OXIDAS INTERPRETATION:- 1.GOUT occurs wher 2.Uric Acid is the end intestinal tract by m INCREASED:- (A).DUE TO INCREASE	SE PEROXIDASE In high levels of Uric Acid in the l I product of purine metabolism icrobial degradation.	3.24 blood cause crystals to fe	mg/dL orm & accumulate are	2.50 - 6.80 ound a joint. e kidneys and to a smaller degree in the
INTERPRETATION:- 1.GOUT occurs wher 2.Uric Acid is the end intestinal tract by m INCREASED:- (A).DUE TO INCREASE 1.Idiopathic primary 2.Excessive dietary p 3.Cytolytic treatment 4.Polycythemai vera 5.Psoriasis. 6.Sickle cell anaemia (B).DUE TO DECREASE 1.Alcohol ingestion. 2.Thiazide diuretics. 3.Lactic acidosis. 4.Aspirin ingestion (5.Diabetic ketoacido 6.Renal failure due to DECREASED:- (A).DUE TO DIETARY	SE PEROXIDASE In high levels of Uric Acid in the levels of Uric Acid in the levels of purine metabolism icrobial degradation. ED PRODUCTION:- gout. urines (organ meats, legumes, and t of malignancies especially leu & myeloid metaplasia. Tetc. ED EXCREATION (BY KIDNEYS) ess than 2 grams per day). Isis or starvation. Do any cause etc. DEFICIENCY of Zinc, Iron and molybdenum. & Wilsons disease.	3.24 blood cause crystals to fo . Uric acid is excreted to nchovies, etc).	mg/dL orm & accumulate are	ound a joint.





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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT			
Test Name		Value	Unit	Biological Reference interval	
	IMM	UNOPATHO	DLOGY/SEROLOGY	Y	
	(C-REACTIVE	PROTEIN (CRP)		
C-REACTIVE PROTE SERUM by NEPHLOMETRY INTERPRETATION:	IN (CRP) QUANTITATIVE:	0.65	mg/L	0.0 - 6.0	

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.

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	Dr. Vinay Cho MD (Pathology & I Chairman & Const	Microbiology)		(Pathology)
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Test Name		Value	Unit	Biological Reference interval
	RHEUMATOII) FACTOR (1	RA): QUANTITATIVE	- SERUM
RHEUMATOID (RA) SERUM by NEPHLOMETRY	FACTOR QUANTITATIVE:	1.93	IU/mL	NEGATIVE: < 18.0 BORDERLINE: 18.0 - 25.0 POSITIVE: > 25.0
 Over 75% of patien useful although it may Inflammatory Mark The titer of RF correction The test is useful for RHEUMATOID ARTHIRI Rheumatoid Arthiri membrane lining (syn The disease spredation The disease spredating the disease spredation The disease	s (RF) are antibodies that are direct ts with rheumatoid arthritis (RA) rot be etiologically related to R/ ers such as ESR & C-Reactive prot elates poorly with disease activity or diagnosis and prognosis of rheu TIS: tis is a systemic autoimmune disc ovium) joints which ledas to prog s from small to large joints, with a is primarily based on clinical, ra ctor. IVE):- cific for Rheumatoid arthritis, as it d rheumatoid arthritis (RA) population reactive titer and 8% of nonrheum s nonrheumatoid diseases, character polymyositis, tuberculosis, syphilis, discovered in joints of patients with the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set	have an IgM an A. ein (CRP) are m , but those pati- umatoid arthrit ease that is mu greatest damag diological & im is often present tions are not cle- natoid patients l erized by chronic viral hepatitis, i h RA, but not in	Itibody to IgG immunoglobu ormal in about 60 % of patie ents with high titers tend to is. Iti-functional in origin and i estruction and in most case e in early phase. munological features. The m in healthy individuals with o arly separate with regard to have a positive titer). c inflammation may have pos infectious mononucleosis, an other form of joint disease.A	Ilin. This autoantibody (RF) is diagnostically ents with positive RA. have more severe disease course. s characterized by chronic inflammation of the s to disability and reduction of quality life. host frequent serological test is the ther autoimmune diseases and chronic infections. the presence of rheumatoid factor (RF) (15% of sitive tests for RF. These diseases include systemic d influenza. nti-CCP2 is HIGHLY SENSITIVE (71%) & more





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	Dr. Vinay Chopra MD (Pathology & Microb Chairman & Consultant F		Dr. Yugam MD EO & Consultant	(Pathology)
NAME : Mrs. F	ROOP KAUR			
AGE/ GENDER : 39 YRS	S/FEMALE	PATIENT	ID	: 1715674
COLLECTED BY :		REG. NO.	/LAB NO.	: 042501040001
REFERRED BY :			ATION DATE	: 04/Jan/2025 12:21 PM
BARCODE NO. : A1260 CLIENT CODE. : KOS D	246 IAGNOSTIC SHAHBAD		ION DATE NG DATE	: 04/Jan/2025 03:02PM : 04/Jan/2025 03:03PM
	1, NICHOLSON ROAD, AMBAL		ING DATE	. 04/ Jaii/ 2025 05.05PM
Test Name	v	alue	Unit	Biological Reference interval
	CLI	NICAL PATHO	LOGY	
	URINE ROUTINI	E & MICROSCO	PIC EXAMINA	ATION
PHYSICAL EXAMINATION				
QUANTITY RECIEVED		0	ml	
COLOUR		PALE YELLOW		PALE YELLOW
by DIP STICK/REFLECTANCE SPE TRANSPARANCY		CLEAR		CLEAR
by DIP STICK/REFLECTANCE SPE	ECTROPHOTOMETRY			
SPECIFIC GRAVITY by DIP STICK/REFLECTANCE SPE		.02		1.002 - 1.030
CHEMICAL EXAMINATION				
REACTION by DIP STICK/REFLECTANCE SPE		CIDIC		
PROTEIN	Ν	legative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPE SUGAR		legative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPE	ECTROPHOTOMETRY			
pH by DIP STICK/REFLECTANCE SPE		5.5		5.0 - 7.5
BILIRUBIN by DIP STICK/REFLECTANCE SPE		legative		NEGATIVE (-ve)
NITRITE	Ν	legative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPE UROBILINOGEN	Ν	Jormal	EU/dL	0.2 - 1.0
by DIP STICK/REFLECTANCE SPE KETONE BODIES by DIP STICK/REFLECTANCE SPE	Ν	legative		NEGATIVE (-ve)
BLOOD	Ν	legative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPE ASCORBIC ACID by DIP STICK/REFLECTANCE SPE MICROSCOPIC EXAMINATI	ECTROPHOTOMETRY	JEGATIVE (-ve)		NEGATIVE (-ve)
RED BLOOD CELLS (RBCs)		IEGATIVE (-ve)	/HPF	0 - 3





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NANGE



Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist

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

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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	IBALA CANTT		
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by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
PUS CELLS	1-3	/HPF	0 - 5
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	2-4	/HPF	ABSENT
CRYSTALS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)
CASTS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)
BACTERIA by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)
OTHERS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)
TRICHOMONAS VAGINALIS (PROTOZOA) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	ABSENT		ABSENT

** End Of Report ***



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