



	MD (Pathology & I Chairman & Const			(Pathology) Pathologist
NAME	: Mr. YASHPAL PAUL			
AGE/ GENDER	: 69 YRS/MALE		PATIENT ID	: 1790316
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 012503130041
REFERRED BY	:		REGISTRATION DATE	: 13/Mar/2025 12:42 PM
BARCODE NO.	: 01527066		COLLECTION DATE	: 13/Mar/2025 12:57PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 13/Mar/2025 01:16PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANT	Т	
Test Name		Value	Unit	Biological Reference interval
		HAEN	IATOLOGY	
	ERYTHRO	OCYTE SED	IMENTATION RATE (ESR)
	DIMENTATION RATE (ESR) gation by capillary photometry	2	mm/1st	hr 0 - 20

INTERPRETATION:

1. ESR is a non-specific test because an elevated result often indicates the presence of inflammation associated with infection, cancer and autoimmune disease, but does not tell the health practitioner exactly where the inflammation is in the body or what is causing it.

2. An ESR can be affected by other conditions besides inflammation. For this reason, the ESR is typically used in conjunction with other test such as C-reactive protein

3. This test may also be used to monitor disease activity and response to therapy in both of the above diseases as well as some others, such as systemic lupus erythematosus

CONDITION WITH LOW ESR

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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	Value	Unit	Biological Reference interval
IMM	UNOPATH	OLOGY/SEROLOGY	Y
(C-REACTIVE	PROTEIN (CRP)	
N (CRP) QUANTITATIVE:	1.55	mg/L	0.0 - 6.0
	: SURJESH : : 01527066 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, A IMM N (CRP) QUANTITATIVE:	: SURJESH : : 01527066 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AMBALA CANTT Value Value IMMUNOPATH C-REACTIVE N (CRP) QUANTITATIVE: 1.55	: SURJESH REG. NO./LAB NO. : REGISTRATION DATE : 01527066 COLLECTION DATE : KOS DIAGNOSTIC LAB REPORTING DATE : 6349/1, NICHOLSON ROAD, AMBALA CANTT Value Unit IMMUNOPATHOLOGY/SEROLOGY C-REACTIVE PROTEIN (CRP)

ESR, CRP levels are not influenced by hematologic conditions like Anemia, Polycythemia etc., y being earr SR. UNIIKE E 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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Test Name		Value	Unit	Biological Reference interval					
RHEUMATOID FACTOR (RA): QUANTITATIVE - SERUM									
RHEUMATOID (RA) FACTOR QUANTITATIVE: 3.62 IU/mL NEGATIVE: < 18.0									
 Non rheumatoid and rheumatoid arthritis (RA) populations are not clearly 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). Patients with various nonrheumatoid diseases, characterized by chronic inflammation may have positive tests for RF. These diseases include systemic lupus erythematosus, polymyositis, tuberculosis, syphilis, viral hepatitis, infectious mononucleosis, and influenza. Anti-CCP have been discovered in joints of patients with RA, but not in other form of joint disease. Anti-CCP2 is HIGHLY SENSITIVE (71%) & more specific (98%) than RA factor. 									
<i>5. Upto 30 % of patien 6. The positive predicti</i>	ts with Seronegative Rheumatoid ve value of Anti-CCP antibodies fo	arthiritis also show r Rheumatoid Arth	w Anti-CCP antibodies. hiritis is far greater than Rhe	eumatoid factor.					
*** End Of Report ***									

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