



NAME	: Mrs. BALA DEVI			
AGE/ GENDER	: 50 YRS/FEMALE	PAT	TENT ID	: 1658304
COLLECTED BY	:	REG	. NO./LAB NO.	: 012411010001
REFERRED BY	:	REC	ISTRATION DATE	: 01/Nov/2024 10:53 AM
BARCODE NO.	:01519884	COI	LECTION DATE	:01/Nov/2024 01:26PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REF	ORTING DATE	:01/Nov/2024 06:08PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interv
		НАЕМАТ	DLOGY	
		HAEWAI		
	ERYTHRO		TATION RATE (1	ESR)

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:

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NOTE:
1. ESR and C - reactive protein (C-RP) are both markers of inflammation.
2. Generally, ESR does not change as rapidly as does CRP, either at the start of inflammation or as it resolves.
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 expiring cortispone, and quipipone may decrease it. aspirin, cortisone, and quinine may decrease it





DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY) DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY)

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana 0171-2643898, +91 99910 43898 care@koshealthcare.com www.koshealthcare.com



TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT





	Chairman & Cons	ultant Pathologist CEO & C	Consultant I	Pathologist	
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CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DA	TING DATE : 01/Nov/2024 05:37PM		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT			
Test Name		Value	Unit	Biological Reference interval	
	IMM	UNOPATHOLOGY/SER	OLOGY		
		UNOPATHOLOGY/SER C-REACTIVE PROTEIN (CI			
		C-REACTIVE PROTEIN (CI		0.0 - 6.0	

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.

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DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

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MD (Pathology &	Microbiology)	Dr. Yugam MD (CEO & Consultant	(Pathology)
: Mrs. BALA DEVI : 50 YRS/FEMALE : : 01519884 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, A	REG. 1 REGIS COLLI REPO	NO./LAB NO. STRATION DATE ECTION DATE	: 1658304 : 012411010001 : 01/Nov/2024 10:53 AM : 01/Nov/2024 01:26PM : 01/Nov/2024 05:37PM
	Value	Unit	Biological Reference interval
FACTOR QUANTITATIVE: (RA): (RF) are antibodies that are directions is with rheumatoid arthritis (RA) not be etiologically related to RA ers such as ESR & C-Reactive prot lates poorly with disease activity r diagnosis and prognosis of rhe TIS: tis is a systemic autoimmune dis povium) joints which ledas to pro- from small to large joints, with is primarily based on clinical, ra ctor. IVE): <i>Theumatoid arthritis (RA) popula</i> <i>reactive titer and 8% of nonrheum</i> <i>s nonrheumatoid diseases, charact</i> <i>bolymyositis, tuberculosis, syphilis,</i> <i>discovered in joints of patients wit</i> <i>factor.</i> <i>s with Seronegative Rheumatoid a</i> <i>ve value of Anti-CCP antibodies for</i> <i>transpace and the series of the series</i> <i>transpace of the</i>	1.02 cted against the Fc frag have an IgM antibody A. tein (CRP) are normal in but those patients wir umatoid arthritis. ease that is multi-func greatest damage in ear idiological & immunolo is often present in heal tions are not clearly sep matoid patients have a p erized by chronic inflam wiral hepatitis, infection th RA, but not in other for arthiritis also show Anti-	IU/mL ment of IgG altered i to IgG immunoglobu n about 60 % of patie th high titers tend to tional in origin and is on and in most cases Ty phase. Igical features. The m thy individuals with ot arate with regard to the arate of the second the second second second second the second second second second the second second second second second second the second second second second second second second the second second second second second second second second the second	NEGATIVE: < 18.0 BORDERLINE: 18.0 - 25.0 POSITIVE: > 25.0 n its tertiary structure. lin. 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. How the request serological test is the ther autoimmune diseases and chronic infections. The presence of rheumatoid factor (RF) (15% of itive tests for RF. These diseases include systemic d influenza. hti-CCP2 is HIGHLY SENSITIVE (71%) & more
	MD (Pathology & Chairman & Cons : Mrs. BALA DEVI : 50 YRS/FEMALE : : : 01519884 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, A RHEUMATOII FACTOR QUANTITATIVE: (RF) are antibodies that are dire is with rheumatoid arthritis (RA) not be etiologically related to R. ers such as ESR & C-Reactive pro- lates poorly with disease activity r diagnosis and prognosis of rhe TS: tis is a systemic autoimmune dis povium) joints which ledas to pro- if for small to large joints, with is primarily based on clinical, ra ctor. (VE):- ific for Rheumatoid arthritis, as it in theumatoid arthritis (RA) popula reactive titer and 8% of nonrheur is nonrheumatoid diseases, charact to pymyositis, tuberculosis, syphilis, discovered in joints of patients with factor. :s with Seronegative Rheumatoid we value of Anti-CCP antibodies for	: 50 YRS/FEMALE PATIL : REG. I REG. I REGIS : 01519884 COLLI : KOS DIAGNOSTIC LAB REPO : 6349/1, NICHOLSON ROAD, AMBALA CANTT Value RHEUMATOID FACTOR (RA): Q FACTOR QUANTITATIVE: 1.02 (RA): (RF) are antibodies that are directed against the Fc fragges with rheumatoid arthritis (RA) have an IgM antibody not be etiologically related to RA. ers such as ESR & C-Reactive protein (CRP) are normal in lates poorly with disease activity, but those patients with r diagnosis and prognosis of rheumatoid arthritis. IIS: IIS: its is a systemic autoimmune disease that is multi-functory optimum by the least to progressive joint destruction from small to large joints, with greatest damage in ear is primarily based on clinical, radiological & immunological. IFOR The Reumatoid arthritis, as it is often present in health rheumatoid arthritis. (RA) populations are not clearly septreactive titer and 8% of nonrheumatoid patients have a p is nonrheumatoid diseases, characterized by chronic inflammolymyositis, tuberculosis, syphilis, viral hepatitis, infection discovered in joints of patients with RA, but not in other for factor. Is with Seronegative Rheumatoid arthritis also show Antive value of Anti-CCP antibodies for Rheumatoid Arthritis is antibal arthritis is antibal arthritis of the antibal arthritis is antibal arthritis is antibal arthritis is antibal arthritis and arthritis is antibal arthritis and the antibal arthritis and the antibal arthritis is antibal arthritis and the arthrit	MD (Pathology & Microbiology) Chairman & Consultant Pathologist MD (CEO & Consultant : Mrs. BALA DEVI : : CEO & Consultant : 50 YRS/FEMALE PATIENT ID : REG. NO./LAB NO. : REGISTRATION DATE : : : 01519884 COLLECTION DATE : : : 6349/1, NICHOLSON ROAD, AMBALA CANTT : : : : 6349/1, NICHOLSON ROAD, AMBALA CANTT : : : FACTOR QUANTITATIVE: 1.02 : ! : Swith rheumatoid arthritis (RA) have an IgM antibody to IgG immunoglobu not be etiologically related to RA. : : : swith rheumatoid arthritis (RA) have an IgM antibody to IgG immunoglobu not be etiologically related to RA. : : : systemic autoimmune disease that is multi-functional in origin and is ovium) joints which ledas to progressive joint destruction and in most case: from small to large joints, with greatest damage in early phase. : : : from small to large joints, with greatest damage in early phase. : : : : from small to large joints, with greatest damage in early phase. : : : : from small to large joints, with greatest damage in early separate with regard to to the munatoid arthritis, as it is often p

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