A PIONEER DIAGNOSTIC CENTRE

0171-2532620, 8222896961 🛛 🖂 pkrjainhealthcare@gmail.com

20

NAME : Mrs. ANJU JAIN **AGE/ GENDER** : 40 YRS/FEMALE **PATIENT ID** : 1727174 **COLLECTED BY** REG. NO./LAB NO. :122501180003 **REFERRED BY REGISTRATION DATE** : 18/Jan/2025 09:07 AM **BARCODE NO. COLLECTION DATE** : 18/Jan/2025 09:27AM : 12506568 CLIENT CODE. : P.K.R JAIN HEALTHCARE INSTITUTE **REPORTING DATE** : 18/Jan/2025 02:47PM **CLIENT ADDRESS** : NASIRPUR, HISSAR ROAD, AMBALA CITY - HARYANA Value Unit Test Name **Biological Reference interval** HAEMATOLOGY **ERYTHROCYTE SEDIMENTATION RATE (ESR)**

ERYTHROCYTE SEDIMENTATION RATE (ESR)	53 ^H	mm/1st hr	0 - 2
by RED CELL AGGREGATION BY CAPILLARY PHOTOMETRY			

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.
 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 aspirin, cortisone, and quinine may decrease it



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

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

440 Dated 17.5.2012 u/s 80 G OF INCOME TAX ACT. PAN NO. AAAAP1600. **REPORT ATTRACTS THE CONDITIONS PRINTED OVERLEAF (P.T.O.)**



A PIONEER DIAGNOSTIC CENTRE

【 0171-2532620, 8222896961 🛛 🖾 pkrjainhealthcare@gmail.com

	: Mrs. ANJU JAIN			
AGE/ GENDER	: 40 YRS/FEMALE	PATI	ENT ID	: 1727174
COLLECTED BY	:	REG.	NO./LAB NO.	: 122501180003
REFERRED BY	:	REGI	STRATION DATE	: 18/Jan/2025 09:07 AM
BARCODE NO.	: 12506568	COLI	LECTION DATE	: 18/Jan/2025 09:27AM
CLIENT CODE.	: P.K.R JAIN HEALTHCARE IN	NSTITUTE REP O	DRTING DATE	: 18/Jan/2025 01:42PM
CLIENT ADDRESS	: NASIRPUR, HISSAR ROAD,	AMBALA CITY - HARYAN	A	
Test Name		Value	Unit	Biological Reference interva
	CLIN	ICAL CHEMISTRY	/BIOCHEMIST	RY
		URIC AC	CID	
URIC ACID: SERUM by URICASE - OXIDAS INTERPRETATION:-		5.04	mg/dL	2.50 - 6.80
(A).DUE TO INCREASE 1.Idiopathic primary 2 Excessive dietary p		nchovies etc)		



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

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT

NOT VALID FOR MEDICO LEGAL PURPOSE

440 Dated 17.5.2012 u/s 80 G OF INCOME TAX ACT. PAN NO. AAAAP1600. **REPORT ATTRACTS THE CONDITIONS PRINTED OVERLEAF (P.T.O.)**



A PIONEER DIAGNOSTIC CENTRE

💟 0171-2532620, 8222896961 🛛 🖾 pkrjainhealthcare@gmail.com

NAME	: Mrs. ANJU JAIN			
AGE/ GENDER	: 40 YRS/FEMALE	РАТ	TENT ID	: 1727174
COLLECTED BY	:	REG	. NO./LAB NO.	: 122501180003
REFERRED BY	:	REG	ISTRATION DATE	: 18/Jan/2025 09:07 AM
BARCODE NO.	: 12506568	COL	LECTION DATE	: 18/Jan/2025 09:27AM
CLIENT CODE.	: P.K.R JAIN HEALTHCARE INST	TITUTE Rep	ORTING DATE	: 18/Jan/2025 04:32PM
CLIENT ADDRESS	: NASIRPUR, HISSAR ROAD, AM	IBALA CITY - HARYA	NA	
Test Name		Value	Unit	Biological Reference interval
	IMM	UNOPATHOLO	OGY/SEROLOGY	Y
		C-REACTIVE PR	OTEIN (CRP)	
C-REACTIVE PROT	EIN (CRP) QUANTITATIVE:	25.8 ^H	mg/L	0.0 - 6.0
SERUM by NEPHLOMETRY				
INTERPRETATION:				
1. C-reactive protein	(CRP) is one of the most sensitive	acute-phase reactan	ts for inflammation.	n inflormation oursery or populatio
2. CRP levels can incr proliferation.	ease dramatically (100-told or m	ore) after severe trau	ma, pacterial infection	n, inflammation, surgery, or neoplastic
3. CRP levels (Quanti			y disease, to detect inf	fections after surgery, to detect transplant
rejection, and to mor	nitor these inflammatory processe	es.		

4. As compared to ESR, CRP shows an earlier rise in inflammatory disorders which begins in 4-6 hrs, the intensity of the rise being higher than ESR 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: 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.



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

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

440 Dated 17.5.2012 u/s 80 G OF INCOME TAX ACT. PAN NO. AAAAP1600, REPORT ATTRACTS THE CONDITIONS PRINTED OVERLEAF (P.T.O.)



A PIONEER DIAGNOSTIC CENTRE

【 0171-2532620, 8222896961 🛛 🖾 pkrjainhealthcare@gmail.com

	: Mrs. ANJU JAIN			
AGE/ GENDER	: 40 YRS/FEMALE	P	ATIENT ID	: 1727174
COLLECTED BY	:	R	EG. NO./LAB NO.	: 122501180003
REFERRED BY	:	R	EGISTRATION DATE	: 18/Jan/2025 09:07 AM
BARCODE NO.	: 12506568	C	OLLECTION DATE	: 18/Jan/2025 09:27AM
CLIENT CODE.	: P.K.R JAIN HEALTHCARE INST	ITUTE R	EPORTING DATE	: 18/Jan/2025 07:57PM
CLIENT ADDRESS	: NASIRPUR, HISSAR ROAD, AM	BALA CITY - HAR	YANA	
Test Name		Value	Unit	Biological Reference interval
	RHEUMATOII) FACTOR (RA	A): QUANTITATIVE	- SERUM
RHEUMATOID (RA) SERUM by nephlometry) FACTOR QUANTITATIVE:	645.5 ^H	IU/mL	NEGATIVE: < 18.0 BORDERLINE: 18.0 - 25.0 POSITIVE: > 25.0
 Rheumatoid factor Over 75% of patier useful although it ma Inflammatory Marl The titer of RF corr 	rs (RF) are antibodies that are direct nts with rheumatoid arthritis (RA) ay not be etiologically related to RA kers such as ESR & C-Reactive prot relates poorly with disease activity	have an IgM antik A. ein (CRP) are norr , but those patien	body to IgG immunoglobu	ulin. This autoantibody (RF) is diagnostically
 Rheumatoid factor Over 75% of patier Iseful although it ma Inflammatory Marl The titer of RF corr The test is useful f Rheumatoid Arthir nembrane lining (syn The disease spreda The diagnosis of R Reasurement of RA factor is not spe Non rheumatoid and RA factor is not spe Non rheumatoid and A patients with variou 	rs (RF) are antibodies that are direct hts with rheumatoid arthritis (RA) ay not be etiologically related to R/ kers such as ESR & C-Reactive protect relates poorly with disease activity for diagnosis and prognosis of rheact RTIS: ritis is a systemic autoimmune dise novium) joints which ledas to pro- as from small to large joints, with of A is primarily based on clinical, ra- actor. TIVE):- be for Rheumatoid arthiritis, as it and rheumatoid arthritis (RA) population on reactive titer and 8% of nonrheum us nonrheumatoid diseases charaction and the systemic and the systemic arter and the systemic and the systemic rest of the systemic and the systemic arthritis (RA) population arthritis (RA)	have an IgM antik A. ein (CRP) are norr , but those patien umatoid arthritis. ease that is multi- greassive joint dest greatest damage i diological & immu- <i>is often present in</i> <i>tions are not clearl</i> <i>natoid patients hat</i> erized by chronic ir	body to IgG immunoglobu mal in about 60 % of patie ts with high titers tend to functional in origin and i truction and in most case n early phase. unological features. The n healthy individuals with o y separate with regard to re a positive titer).	ulin. This autoantibody (RF) is diagnostically ents with positive RA. have more severe disease course. s characterized by chronic inflammation of t is to disability and reduction of quality life. nost frequent serological test is the ther autoimmune diseases and chronic infection the presence of rheumatoid factor (RF) (15% of sitive tests for RF. These diseases include system
 Over 75% of patier useful although it ma Inflammatory Marl The titer of RF corr The test is useful f RHEUMATOID ARTHIR Rheumatoid Arthir membrane lining (syr The disease spreda The diagnosis of R, measurement of RA fa CAUTION (FALSE POS) RA factor is not spe Non rheumatoid an RA patients have a no Patients with variou, lupus erythematosus, A. Anti-CCP have been specific (98%) than RA Upto 30 % of patier 	rs (RF) are antibodies that are direct nts with rheumatoid arthritis (RA) ay not be etiologically related to R/ kers such as ESR & C-Reactive prot relates poorly with disease activity for diagnosis and prognosis of rhe RTIS: ritis is a systemic autoimmune dise novium) joints which ledas to pro- as from small to large joints, with A is primarily based on clinical, ra actor. TIVE):- coffic for Rheumatoid arthiritis, as it for rheumatoid arthritis (RA) population on reactive titer and 8% of nonrheum us nonrheumatoid diseases, character polymyositis, tuberculosis, syphilis, of discovered in joints of patients with the second second second second second second polymyositis, tuberculosis, syphilis, or the second second second second second second second second second to the second second second second second second second polymyositis, tuberculosis, syphilis, or the second	have an IgM antik A. ein (CRP) are norri , but those patien umatoid arthritis. ease that is multi- greatest damage i diological & immu- is often present in tions are not clearly natoid patients have erized by chronic ir viral hepatitis, infi- h RA, but not in oti arthiritis also show	body to IgG immunoglobu mal in about 60 % of patie ts with high titers tend to functional in origin and i truction and in most case n early phase. unological features. The n healthy individuals with o y separate with regard to y separate with regard to a positive titer). Iffammation may have po- ectious mononucleosis, an her form of joint disease. A y Anti-CCP antibodies.	ulin. This autoantibody (RF) is diagnostically ents with positive RA. have more severe disease course. s characterized by chronic inflammation of the sto disability and reduction of quality life. nost frequent serological test is the ther autoimmune diseases and chronic infection the presence of rheumatoid factor (RF) (15% of sitive tests for RF. These diseases include system of influenza. inti-CCP2 is HIGHLY SENSITIVE (71%) & more





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

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST

440 Dated 17.5.2012 u/s 80 G OF INCOME TAX ACT. PAN NO. AAAAP1600. **REPORT ATTRACTS THE CONDITIONS PRINTED OVERLEAF (P.T.O.)**

