**PKR JAIN HEALTHCARE INSTITUTE** NASIRPUR, Hissar Road, AMBALA CITY- (Haryana)

A PIONEER DIAGNOSTIC CENTRE

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

NAME	: Mrs. ANJANA SHARMA					
AGE/ GENDER	: 44 YRS/FEMALE	РАТ	IENT ID	: 1598924		
COLLECTED BY	:	REG	NO./LAB NO.	<b>: 122409020011</b> : 02/Sep/2024 09:31 AM : 02/Sep/2024 09:44AM		
REFERRED BY	:	REG	ISTRATION DATE			
BARCODE NO.	: 12504430	COL	LECTION DATE			
CLIENT CODE.	: P.K.R JAIN HEALTHCARE INS	STITUTE <b>REP</b>	ORTING DATE	: 02/Sep/2024 05:08PM		
CLIENT ADDRESS	DRESS : NASIRPUR, HISSAR ROAD, AMBALA CITY - HARYANA					
Test Name		Value	Unit	Biological Reference interval		
	IN	MUNOPATHOLO	GY/SEROLOGY			
	ANTI CYCLIC CI	RULLINATED PEPT	IDE CCP2 (HIGHLY	SENSITIVE)		
ANTI CYCLIC CITRULI	LINATED PEPTIDE (CCP)	0.5	AU/mL	0.00 - 5.00		
ANTIBODY: SERUM						
INTERPRETATION:	IESCENCE IMMUNOASSAY)					
1. ANTI-CCP antibodi	es are potentially important sur	rogate marker for diag	nosis and prognosis in	n rheumatoid arthritis (RA).		
2. Anti-CCP is of two 1 <b>3. Anti-CCP2 is HIGHL</b>	types: Anti-CCP1 & Anti-CCP2. Y SENSITIVE (71%) & more specif	ic (98%) than Anti-CCP1				
4. Anti-CCP2 predict 1	Y SENSITIVE (71%) & more specif the eventual development in Rhe	umatoid Arthritis (RA),	when found in undiff	erentiated arthritis		
5. Anti-CCP2 may be Rheumatoid Arthritis	detected in healthy individual's from Polymyalgia Rheumatic &	years before onset of c Frosive SLF	linical Rheumatoid Ar	rthritis as well as to differentiate elderly onse		
6. The positive predic	ctive value of Anti-CCP antibodie:	for Rheumatoid Arthr	tis is far greater than	Rheumatoid factor. Up to 30% patients with		
seronegative Rheuma RHEUMATOID ARTHIR	atoid Arthritis also show Anti CC	P antibodies				
1. Rheumatoid Arthr	itis is a systemic autoimmune di	sease that is multi-fun	ctional in origin and is	s characterized by chronic inflammation of th		
membrane lining (sy	novium) joints which leads to pr ds from small to large joints, wit	ogressive joint destruc	tion and in most case	es to disability and reduction of quality life.		
3. The diagnosis of R	A is primarily based on clinical,	radiological & immuno	logical features. The	most frequent serological test is the		
measurement of RA fa	actor.	-	-			

4. RA factor is not specific for rheumatoid arthritis, as it is often present in healthy individuals with other autoimmune diseases and chronic infections.

5. ANTI-CCP have been discovered in joints of patients with RA, but not in other form of joint disease.





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CLIENT CODE.			<b>REPORTING DATE</b>		
CLIENT ADDRESS	: NASIRPUR, HISSAR ROAD, AMBALA CITY - HARYANA				
Test Name		Value	Unit	Biological Reference interval	
		C-REACTIV	VE PROTEIN (CRP)		
C-REACTIVE PROTEIL SERUM by NEPHLOMETRY	N (CRP) QUANTITATIVE:	6.62 <sup>H</sup>	mg/L	0.0 - 6.0	

## INTERPRETATION:

1. C-reactive protein (CRP) is one of the most sensitive acute-phase reactants for inflammation.

2. CRP levels can increase dramatically (100-fold or more) after severe trauma, bacterial infection, inflammation, surgery, or neoplastic proliferation.

3. CRP levels (Quantitative) has been used to assess activity of inflammatory disease, to detect infections after surgery, to detect transplant

rejection, and to monitor these inflammatory processes. 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.





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CLIENT ADDRESS	: NASIRPUR, HISSAR ROAD, AI	MBALA CITY - HARYAN	IA		
Test Name		Value	Unit	Biological Reference interval	
	RHEUMAT	OID FACTOR (RA):	QUANTITATIVE - S	ERUM	
RHEUMATOID (RA) F ERUM <i>by NEPHLOMETRY</i>	ACTOR QUANTITATIVE:	12.53	IU/mL	NEGATIVE: < 18.0 BORDERLINE: 18.0 - 25.0 POSITIVE: > 25.0	
<ol> <li>Over 75% of patier useful although it ma</li> <li>Inflammatory Mark</li> <li>The titer of RF corr</li> <li>The test is useful for RHEUMATOID ARTHIR</li> <li>Rheumatoid Arthir nembrane lining (syr</li> <li>The disease spreda</li> <li>The diagnosis of RA reasurement of RA fa</li> <li>CAUTION (FALSE POSI</li> <li>RA factor is not special A patients have a no</li> <li>Patients have a no</li> <li>Patients with variou, upus erythematosus, pecific (98%) than RA</li> </ol>	y not be etiologically related to I cers such as ESR & C-Reactive pre- elates poorly with disease activit or diagnosis and prognosis of rh <b>ITIS:</b> itis is a systemic autoimmune di ovium) joints which ledas to pr is from small to large joints, with A is primarily based on clinical, r actor. <b>IIVE):-</b> cific for Rheumatoid arthiritis, as d rheumatoid arthritis (RA) popul nreactive titer and 8% of nonrheu- is nonrheumatoid diseases,charad polymyositis, tuberculosis, syphili discovered in joints of patients w	A) have an IgM antibod RA. otein (CRP) are normal ty, but those patients we eumatoid arthritis. isease that is multi-fur ogressive joint destruct on greatest damage in e radiological & immuno it is often present in hea ations are not clearly se umatoid patients have a cterized by chronic inflai is, viral hepatitis, infecti ith RA, but not in other	y to IgG immunoglobu in about 60 % of patie ith high titers tend to ctional in origin and i tion and in most case arly phase. logical features.The n parate with regard to positive titer). mation may have positive titer. post of point disease.A	ulin. This autoantibody (RF) is diagnostically	





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**NOT VALID FOR MEDICO LEGAL PURPOSE** 

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CLIENT CODE.	: P.K.R JAIN HEALTH	CARE INSTITUTE	<b>REPORTING DATE</b>	: 02/Sep/2024 01:39PM
CLIENT ADDRESS	: NASIRPUR, HISSAR	ROAD, AMBALA CITY - HA		1
Test Name		Value	Unit	Biological Reference interval
		VIT	AMINS	
		VITAMIN D/25 H	YDROXY VITAMIN D3	
by CLIA (CHEMILUMI	ROXY VITAMIN D3): S vescence immunoassa	ERUM 15.79 <sup>L</sup> (Y)	ng/mL	DEFICIENCY: < 20.0 INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0
INTERPRETATION:	CIENT:	< 20	r i i i i i i i i i i i i i i i i i i i	a /ml
	FICIENT:	21 - 29		ng/mLng/mL
	ED RANGE:	30 - 100		ig/mL
	CATION:	> 100		ng/mL
4.Severe deficiency n DECREASED: 1.Lack of sunshine ex 2.Inadequate intake, 3.Depressed Hepatic 4.Secondary to advar 5.Osteoporosis and S 5.Enzyme Inducing dr NCREASED: 1. Hypervitaminosis I Severe hypercalcemia CAUTION: Replaceme hypervitaminosis D	nay lead to failure to m posure. malabsorption (celiac Vitamin D 25- hydroxy ceed Liver disease econdary Hyperparath rugs: anti-epileptic dru D is Rare, and is seen o a and hyperphophatem ent therapy in deficient <i>individuals as compare</i>	nineralize newly formed os disease) lase activity roidism (Mild to Moderate gs like phenytoin, phenoba nly after prolonged exposu ia. individuals must be monit	teoid in bone, resulting in e deficiency) arbital and carbamazepine, ire to extremely high doses ored by periodic assessmen	parathyroid harmone (PTH). rickets in children and osteomalacia in adults that increases Vitamin D metabolism. s of Vitamin D. When it occurs, it can result in nt of Vitamin D levels in order to prevent ciency due to excess of melanin pigment which
		*** End Of R	eport ***	
	an		hopra	

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