

Laboratory Investigation Report

Patient Name	Centre
Age/Gender	OP/IP No
Max ID/Mobile	Collection Date/Time
Lab ID	Receiving Date
Ref Doctor	Reporting Date
Passport No.	

Molecular Diagnostics Arthritis Profile-02 (PPG)

Test Name	Result	Unit	Bio Ref Interval
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PCR FOR HLA B27, EDTA *, EDTA PCR-SSP

HLA B27	Negative		Negative
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Comment

- Certain inflammatory and non inflammatory diseases are associated with the inheritance of HLA alleles. Ankylosing spondylitis and several postinfectious arthropathies are associated with the presence of HLA B27. Individuals who inherit this class I allele have a 90 fold greater chance of developing the disease as compared to those who do not carry HLA B27.
- This test has been performed to identify the alleles B*27:01-05:24-17/19-21/24-28/30-74/76-84/86-156/158-175, B*38:22, B*40:75/322, B*44:97/263 and B*49:26 having product size of approx. 145 bp.
- Blood specific inhibitors may be present within DNA extracted from whole blood, including heme, IgG, leukocyte genomic DNA and the anticoagulants and heparin can be a source of variation in assay result.
- The Test is performed along with one positive and one negative control.

Uses :

DISEASES	STRENGTH OF ASSOCIATION
Ankylosing spondylitis	++++
Reiters syndrome	++++
Reactive arthritis(Yersinia, Salmonella, Shigella & Chlamydia)	+++
Acute anterior uveitis	+++
Psoriatic spondylitis	+++

Kindly correlate with clinical findings

*** End Of Report ***



Page 1 of 8

SIN No: MB6032707, Test Performed at : 910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017
 Booking Centre : 969 - Max Hospital, Patparganj, 108A, IP Ext, I.P. Extension, Patparganj, Delhi, 11,
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 Phone: +91-11-4303 3333 | (CIN No.: U85100DL2021PLC381826)

Helpline No. 7982 100 200 | www.maxlab.co.in | feedback@maxlab.co.in

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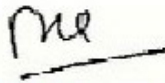
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**Molecular Diagnostics
Arthritis Profile-02 (PPG)**

Test Name	Result	Unit	Bio Ref Interval
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Dr. Bansidhar Tarai, M.D
Associate Director
Microbiology & Molecular Diagnostics



Dr. Dillip Kumar, M.D
HOD – Saket & Manager
Quality (PanMax)



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Serology Special Arthritis Profile-02 (PPG)

Test Name	Result	Unit	Bio Ref Interval
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ANA (Anti Nuclear Antibody), Serum

FEIA

Anti Nuclear Antibody	0.3	Ratio
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Ref. Range

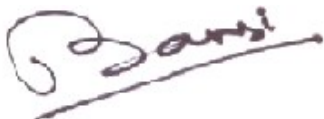
Negative	< 0.7
Equivocal	0.7 - 1.0
Positive	> 1.0

Interpretation

Antinuclear antibodies are the most sensitive screening test for autoantibodies in patients suspected of connective tissue diseases. They are a heterogenous group of autoantibodies directed against ds-DNA, histones, SSA / Ro, SSB / La, Sm, Sm / RNP, Scl-70, Jo-1 & Centromere. ANA 's have also been detected in patients with Autoimmune Hepatitis (80%), Primary biliary cirrhosis (60%), Alcohol related liver disease (50%), Viral hepatitis B (40%). Presence of ANA has also been detected in individuals taking certain drugs like Hydralazine, Isoniazid, Chlorpromazine; family of SLE patients; healthy and elderly persons

Kindly correlate with clinical findings

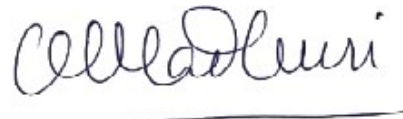
*** End Of Report ***



Dr. Bansidhar Tarai, M.D.
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Dr. Poornima Sen, M.D.
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Dr. Madhuri Somani, M.D. , DNB
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Page 3 of 8

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MC-2714

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Clinical Biochemistry Arthritis Profile-02 (PPG)

Uric Acid, Serum

Date	25/Oct/2021 03:54PM	Unit	Bio Ref Interval
Uric Acid	6.4	mg/dl	3.5 - 7.2
Uricase, Colorimetric			

Interpretation

Increased in gout, renal failure, inherited metabolic disorders, excess dietary purine intake, Increased nucleic acid turnover (e.g. Leukemia, Myeloma, Radiotherapy, Chemotherapy, Trauma) Psoriasis, preeclampsia and Alcohol consumption.

Decreased in Wilson's disease, Fanconi's syndrome xanthinuria, SIADH, deficiency of adenosine deaminase, purine and nucleoside phosphorylase and low purine diet.

CRP (C-Reactive Protein), High Sensitive, Serum

Date	25/Oct/2021 03:54PM	Unit	Bio Ref Interval
C-Reactive Protein, High Sensitive	0.48		
Immunoturbidimetric			

Reference Values in the table given below are recommended cardiovascular risk groups, in primary prevention settings by AHA/CDC and NACB expert panel.

Risk Level	CRP (mg/L)	CRP (mg/dL)
Low	< 1.0	< 0.10
Average	1.0 - 3.0	0.10 - 0.30
High	> 3.0	>0.30

Increase in CRP levels is non – specific, and interpretation must be undertaken in comparison with previous Hs CRP values or other cardiac risk indicators (Cholesterol, HDL etc.) Single measurement may lead to an erroneous assessment of early cardiac inflammation.



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MC-2347

Laboratory Investigation Report

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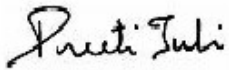
**Clinical Biochemistry
Arthritis Profile-02 (PPG)****Rheumatoid Factor(Quantitative), Serum**

Date	25/Oct/2021 03:54PM	Unit	Bio Ref Interval
Rheumatoid Factor Immunoturbidimetric	9.01	IU/mL	< 12.0

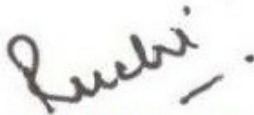
Interpretation Rheumatoid factor is found in rheumatoid arthritis, Sjögren's syndrome, Scleroderma, dermatomyositis, Waldenström's disease, sarcoidosis and SLE. 75% patients with rheumatoid arthritis have RF of IgM class. Highest titers of Rheumatoid arthritis are seen in severe, active, chronic disease with vasculitis and subcutaneous nodules

Kindly correlate with clinical findings

*** End Of Report ***



Dr. Preeti Tuli, M.D.
Principal Consultant & Quality Manager
Pathology.



Dr. Ruchi Srivastava, M.D.
Consultant - Pathology



Page 5 of 8

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Hematology Arthritis Profile-02 (PPG)

Complete Haemogram, Peripheral Smear and ESR, EDTA

Date	25/Oct/2021 03:54PM	Unit	Bio Ref Interval
Haemoglobin	11.8	g/dl	13.0 - 17.0
Modified cyanmethemoglobin			
Packed Cell, Volume	37.4	%	40-50
Calculated			
Total Leucocyte Count (TLC)	10.3	10~9/L	4.0-10.0
Electrical Impedance			
RBC Count	4.61	10~12/L	4.5-5.5
Electrical Impedance			
MCV	81.0	fL	83-101
Electrical Impedance			
MCH	25.5	pg	27-32
Calculated			
MCHC	31.5	g/dl	31.5-34.5
Calculated			
Platelet Count	335	10~9/L	150-410
Electrical Impedance			
MPV	10.2	fL	7.8-11.2
Calculated			
RDW	17.1	%	11.5-14.5
Calculated			

Differential Cell Count

VCS / Light Microscopy

Neutrophils	64.8	%	40-80
Lymphocytes	19.6	%	20-40
Monocytes	9.9	%	2-10
Eosinophils	5.3	%	1-6
Basophils	0.4	%	0-2

Absolute Leukocyte Count

Calculated from TLC & DLC

Absolute Neutrophil Count	6.67	10~9/L	2.0-7.0
Absolute Lymphocyte	2.0	10~9/L	1.0-3.0



Page 6 of 8

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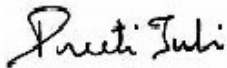
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Hematology**Arthritis Profile-02 (PPG)****Count**

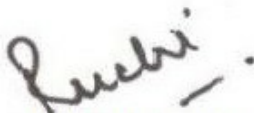
Absolute Monocyte Count	1.02	10~9/L	0.2-1.0
Absolute Eosinophil Count	0.55	10~9/L	0.02-0.5
Absolute Basophil Count	0.04	10~9/L	0.02-0.1
ESR (Westergren)	14	mm/hr	<=14

Peripheral Smear Examination**RBC:** - Mild Anisopoikilocytosis Predominantly Normocytic Normochromic**WBC:** - Counts is raised.**Platelet:** - Adequate

Kindly correlate with clinical findings

***** End Of Report *****

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Serology**Arthritis Profile-02 (PPG)****Anti-CCP (Anti Cyclic Citrullinated Peptide), Serum**

Date	25/Oct/2021 03:54PM	Unit	Bio Ref Interval
Anti-CCP ECLIA	<7.00	U/ml	< 17.0

Comment Interpretation

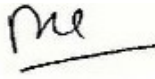
This test helps in diagnosis of rheumatoid arthritis in combination with other clinical and laboratory funding.

Kindly correlate with clinical findings

*** End Of Report ***



Dr. Poonam. S. Das, M.D.
Principal Director-
Max Lab & Blood Bank Services



Dr. Dilip Kumar M.D.
Associate Director &
Manager Quality



Dr. Nitin Dayal, M.D.
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