

Dr. Vinay Chopra
 MD (Pathology & Microbiology)
 Chairman & Consultant Pathologist

Dr. Yugam Chopra
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 CEO & Consultant Pathologist

NAME	: Master. TANAV	PATIENT ID	: 1673495
AGE/ GENDER	: 8 YRS/MALE	REG. NO./LAB NO.	: 012411160042
COLLECTED BY	:	REGISTRATION DATE	: 16/Nov/2024 11:38 AM
REFERRED BY	:	COLLECTION DATE	: 16/Nov/2024 11:39AM
BARCODE NO.	: 01520918	REPORTING DATE	: 19/Nov/2024 09:52AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
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SPECIAL INVESTIGATIONS

ANTI NUCLEAR ANTIBODY/FACTOR (ANA/ANF) - WITH REFLEX TO TITRES: IFA (HEP-2)

ANTI NUCLEAR ANTIBODY (ANA) - IFA, HEp2 NEGATIVE (-ve) NEGATIVE (-ve)
by IFA (IMMUNO FLUORESCENT ASSAY)

INTERPRETATION:

1. Anti Nuclear antibody (ANA) in dilutions is recommended for all positive results and follow up
2. Immunofluorescence microscopy using human cellular extracts like HEp-2 cells is a sensitive test for detection of serum antibodies that react specifically with various cellular proteins and nucleic acids
3. Test conducted on Serum

INTERPRETATION GUIDELINES : (Sample screening Dilution - 1:100):


Negative : No Immunofluorescence
 + : Weak Positive (1:100)
 ++ : Moderate Positive (1:320)
 +++ : Strong Positive (1:1000)
 ++++ : Very strong Positive (1:3200)

COMMENTS:

Anti Nuclear antibody (ANA / ANF) is a group of autoantibodies directed against constituents of cell nuclei including DNA, RNA & various nuclear proteins. These autoantibodies are found with high frequency in patients with connective tissue disorders specially SLE. Since positive ANA results have been reported in healthy individuals, these reactivities are not by themselves diagnostic but must be correlated with other laboratory and clinical findings.

PATTERN	DISEASE ASSOCIATION
NUCLEAR	
Homogenous	SLE & other connective tissue disorders, Drug induced SLE
Peripheral	SLE & other connective tissue disorders
Speckled Coarse	Mixed connective Tissue Disorders (MCTD), Scleroderma-Polymyositis Overlap Syndrome, Raynauds Phenomenon, Psoriasis, Sjogrens Syndrome, Systemic Sclerosis.




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Test Name	Value	Unit	Biological Reference interval
Speckled Fine	SLE, Sjogrens syndrome, Scleroderma, Myositis, MCTD		
NUCLEAR DOTS			
Few	Auto-immune & Viral disease- Primary Biliary Cirrhosis & Chronic Active Hepatitis, Rarely Collagen Vascular disease		
Multiple	Primary Biliary Cirrhosis (>30%)		
Centromere	CREST syndrome, Progressive Systemic Sclerosis		
NUCLEOLAR			
Homogeneous	Scleroderma, Myositis, Raynauds Phenomena, SLE & Rheumatoid arthritis		
Clumpy	Systemic sclerosis & Scleroderma		
CYTOPLASMIC			
Mitochondrial	Primary Biliary Cirrhosis, Scleroderma & Overlap syndrome		
Ribosomal	SLE (10-20%)		

*** End Of Report ***




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