



# P K R JAIN HEALTHCARE INSTITUTE

NASIRPUR, Hissar Road, AMBALA CITY- (Haryana)

**A PIONEER DIAGNOSTIC CENTRE**

☎ 0171-2532620, 8222896961 ✉ [pkrajainhealthcare@gmail.com](mailto:pkrajainhealthcare@gmail.com)

**NAME** : Mrs. MANPREET KAUR  
**AGE/ GENDER** : 37 YRS/FEMALE **PATIENT ID** : 1665189  
**COLLECTED BY** : **REG. NO./LAB NO.** : 122411080011  
**REFERRED BY** : **REGISTRATION DATE** : 08/Nov/2024 11:10 AM  
**BARCODE NO.** : 12505532 **COLLECTION DATE** : 08/Nov/2024 11:12AM  
**CLIENT CODE.** : P.K.R JAIN HEALTHCARE INSTITUTE **REPORTING DATE** : 10/Nov/2024 06:19PM  
**CLIENT ADDRESS** : NASIRPUR, HISSAR ROAD, AMBALA CITY - HARYANA

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, Psoarisis, Sjogrens Syndrome, Systemic Sclerosis.



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

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



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