

Client
Gurugram
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Processed By
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name	: Mrs. SE207	Billing Date	: 07/07/2023 12:36:08
Age	: 35 Yrs	Sample Collected on	: 10/07/2023 10:01:31
Sex	: Female	Sample Received on	: 10/07/2023 11:02:13
P. ID No.	: P1000100013101	Report Released on	: 19/07/2023 10:12:50
Accession No	: 10002305157	Barcode No.	: 10002305157-01
Referring Doctor	: Self	Ref no.	:
Referred By	:		

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
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SEROLOGY

Systemic Lupus Erythematosus (SLE) Panel

Anti Nuclear Antibodies (ANA), IFA

Method: Sample : Serum

Anti Nuclear Antibodies (ANA) by IFA Detected Not Detected

Sample: Serum

Primary Dilution 1 : 80

Sample: Serum

Primary Intensity +++

Sample: Serum

ANA Pattern Fine Speckled (AC-4)

Sample: Serum

End Point Titre 1 : 640

Sample: Serum

DsDNA

Primary Dilution 1 : 80

Sample: Serum

Primary Intensity +

Sample: Serum

End Point Titre 1 : 80

Sample: Serum

ds DNA Not Detected Not Detected

Sample: Serum

Anti Nuclear Antibodies (ANA), IFA

Antinuclear Antibodies (ANA) are antibodies directed against Nuclear/ Cytoplasmic components of the cell and are detected by



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Indirect immunofluorescence method(IIF). Presence of ANA indicate autoimmunity and together with other serological methods and clinical data form an important screening component in the diagnosis of Autoimmune Diseases. The IIF assay is a sensitive screening test using Hep-2 cells and is recommended as the screening test of choice by the task force of the American College of Rheumatology.

Sample Screening Dilution	Intensity of Immunofluorescence
1:160(Weak Positive)	+
1:320(Medium Positive)	++
1:640(Strong Positive)	+++
1:1280(Very Strong Positive)	++++

Location	Pattern	Target Antigen	Clinical Association
Nucleus	Homogeneous	dsDNA, Histones Nucleosome, RNA, Single Strand DNA	SLE Drug Induced Lupus, SLE , RA SLE, MCTD, RA, PM, DM, SS
	Speckled	Sm U1-snRNP SSA/Ro SSB/La Ku Cyclin1(PCNA) Mitosin/Cyclin II	SLE MCTD, SLE, RA, sharp syndrome Sjogren's syndromes (SS)/SLE/Neonatal Lupus PM/DM/SLE/SS SLE/Overlap Syndromes DM
	Dense Fine Speckled (DFS)	Lens epithelium-derived growth factor (LEDGF),	Healthy individuals, Various Inflammatory conditions like atopic dermatitis, interstitial cystitis, Asthma.
	Centromere	CENP-A,B,C,D,E ,G & H	CREST syndrome, PBC, Raynaud's Syndrome
	Nuclear Dots	Sp-100 , PML protein	PBC, Rheumatic Disease
	Nuclear Membrane	Lamins, gp210, p62	SLE, SS, PBC, AIH
Nucleolus	Nucleolar homogeneous	PM-Scl 75, PM Scl-100 Rpp25	PM, DM, SS SS(cutaneous form)
	Nucleolar speckled	RNA-Polymerase I / NOR-90	Progressive Systemic Sclerosis (Diffuse)
	Nucleolar(clumpy)	U3-Nrnp Fibrillarlin	Systemic Sclerosis(Diffuse)
Cytoplasm	Fine granular	Jo -1 Histidyl- trna synthetase PL-7, PL-12	PM/ DM, PM/DM
	Homogeneous	P proteins: P0, P1 and P2	SLE
	Very Fine Granular	Signal recognition particle	Myositis, Polymyositis, Necrotizing Myopathy
	Mitochondria type-2	Pyruvate dehydrogenase complex	Myoclonus, Friedreich's ataxia, SLE , PBC, Duchenne's Syndrome
	Multiple Dots	GW182, Su/Ago2, RAP55	



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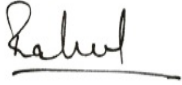
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Cell Cycle (mitotic spindle apparatus, Mphase)	Centriole Mid-Body NuMA-1	Pericentrin, ninein, enolase Aurora kinase B complex Nuclear mitotic apparatus, type 1	Systemic autoimmune disease SS, cancers SLE, MCTD

Abbreviations: SLE: Systemic Lupus Erythematosus, SCL: Scleroderma, MCTD: Mixed Connective Tissue Disease; CFS: Chronic Fatigue Syndrome; AIH: Autoimmune Hepatitis, PBC: Primary Biliary Cirrhosis, PM: Polymyositis, DM: Dermatomyositis, SS: Systemic sclerosis, RA: Rheumatoid Arthritis.

** End of Report **



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