MAX Lab

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.	

Cytogenetics

Karyotyping-Peripheral Blood Cells*

Specimen	:	Peripheral Blood
Indication	:	To rule out chromosomal abnormalities
Culture Type	:	72 hr PHA stimulated culture
Medium	:	RPMI 1640
Banding Technique	:	GTG
Banding Resolution	:	450 - 550
Metaphase counted	:	20
Metaphase analyzed	:	20
Metaphase Karyotyped	:	05

Karyotype: 46,XX[20]

Interpretation: Normal female karyotype. No numerical or structural chromosomal abnormality detected at 450-550 banding resolution. Kindly correlate with clinical findings.

Note: Microdeletions, microduplications and cryptic chromosomal rearrangements cannot be detected by this method.

Note: Karyogram attached

SIN No:GGN0009289, Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017

Booking Centre :585 - Max Hospital - Gurugram, Opposite HUDA City Centre Metro Station, B - Block

The authenticity of the report can be verified by scanning the Q R Code on top of the page

Max Lab Limited (A Wholly Owned Subsidiary of Max Healthcare Institute Ltd.)

Max Lab, Max Hospital, Gurgaon: Opposite HUDA City Centre Metro Station, B-Block, Sushant Lok-1, Gurgaon-122001,
Phone: +91-124-6623 000 | (CIN No.: U85100DL2021PLC381826)

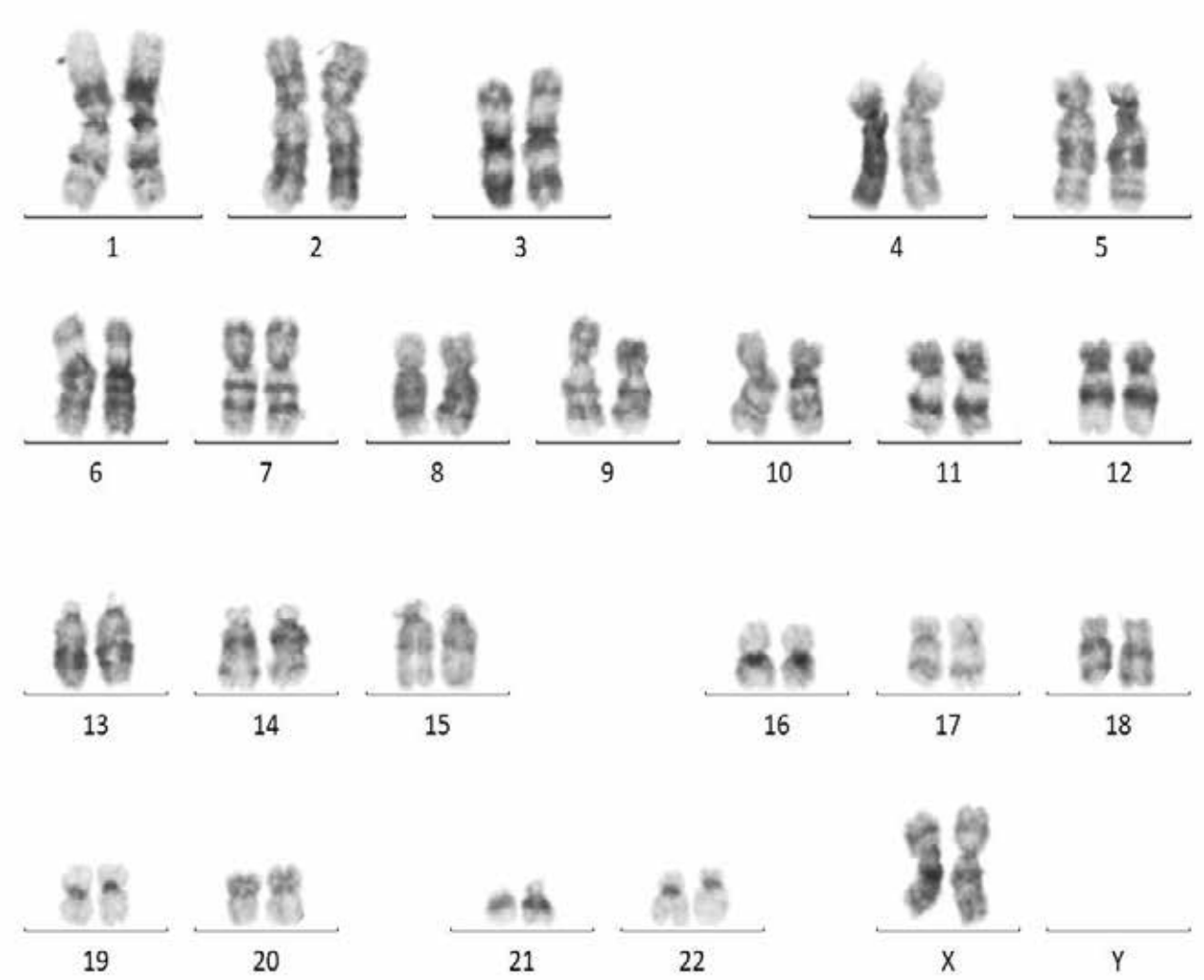
Helpline No. 7982 100 200 www.maxlab.co.in feedback@maxlab.co.in

MAX Lab

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.	

Cytogenetics



SIN No:GGN0009289, Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017

Booking Centre :585 - Max Hospital - Gurugram, Opposite HUDA City Centre Metro Station, B - Block

The authenticity of the report can be verified by scanning the Q R Code on top of the page

MAX Lab

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.	

Cytogenetics

Kindly correlate with clinical findings

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

Sonika

Dr. Sonika Sharma, PhD
Consultant - Cytogenetics

SIN No:GGN0009289, Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017

Booking Centre :585 - Max Hospital - Gurugram, Opposite HUDA City Centre Metro Station, B - Block

The authenticity of the report can be verified by scanning the Q R Code on top of the page

Max Lab Limited (A Wholly Owned Subsidiary of Max Healthcare Institute Ltd.)
Max Lab, Max Hospital, Gurgaon: Opposite HUDA City Centre Metro Station, B-Block, Sushant Lok-1, Gurgaon-122001,
Phone: +91-124-6623 000 | (CIN No.: U85100DL2021PLC381826)
Helpline No. 7982 100 200 www.maxlab.co.in feedback@maxlab.co.in

MAX Lab

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.	

Immunoassay

Prolactin, Serum*

	Date	**10/Oct/2021 09:45AM**	**Unit**	**Bio Ref Interval**
Prolactin CLIA		15.62	ng/mL	

Pooled Sample

Ref Range

Males :	2.64 - 13.13
Females :	
Premenopausal (<50 years of age):	3.34 - 26.74
Postmenopausal (>50 years of age):	2.74 - 19.64

Interpretation

Increased in prolactin-secreting pituitary tumors, amenorrhea and/or galactorrhea, Chiari-Frommel and Argonz Del Cstillo syndromes, various types of hypothalamic-pitutary disease (e.g. sarcoidosis, granulomatous diseases, crangiopharyngioma, metastatic cancer, empty sella syndrome), primary hypothyroidism, anorexia nervosa, polycystic ovary syndrome, renal failure, insulin-induced hypoglycemia, chest wall injury, adrenal insufficiency, and pituitary stalk section surgery
Decreased in pituitary apoplexy (Sheehan's Syndrome)

Kindly correlate with clinical findings

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

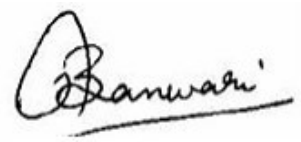
SIN No:GGN0009289, Test Performed at :585 - Max Hospital - Gurugram, Opposite HUDA City Centre Metro Station, B - Block
Booking Centre :585 - Max Hospital - Gurugram, Opposite HUDA City Centre Metro Station, B - Block, 0124662300
The authenticity of the report can be verified by scanning the Q R Code on top of the page

MAX Lab

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.	

Immunoassay



Dr. Akash Banwari, M.D.(Path)
Pathologist

SIN No:GGN0009289, Test Performed at :585 - Max Hospital - Gurugram, Opposite HUDA City Centre Metro Station, B - Block
Booking Centre :585 - Max Hospital - Gurugram, Opposite HUDA City Centre Metro Station, B - Block, 0124662300
The authenticity of the report can be verified by scanning the Q R Code on top of the page

Max Lab Limited (A Wholly Owned Subsidiary of Max Healthcare Institute Ltd.)
Max Lab, Max Hospital, Gurgaon: Opposite HUDA City Centre Metro Station, B-Block, Sushant Lok-1, Gurgaon-122001,
Phone: +91-124-6623 000 | (CIN No.: U85100DL2021PLC381826)
Helpline No. 7982 100 200 www.maxlab.co.in feedback@maxlab.co.in

MAX Lab

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.	

Serology

Test Name	Result	Unit	Bio Ref Interval
TORCH (IgG, IgM),Serum*			
Toxo IgG ECLIA	<0.130	IU/mL	
Rubella IgG ECLIA	**232.8**	IU/mL	
CMV IgG ECLIA	>500.0	U/mL	
HSV IgG (1+2) CLIA	<0.500	Index	
Toxo IgM ECLIA	0.257	COI	
Rubella IgM ECLIA	0.231	COI	
CMV IgM ECLIA	0.258	COI	
HSV IgM (1+2) CLIA	**2**	Index	

Advice : HSV PCR

Ref Range (Toxo IgG)
Non Reactive < 1.0
Equivocal >= 1.0 - < 3.0
Reactive > 3.0
Interpretation:
Positive IgG antibodies indicate a past infection with Toxoplasma gondii.
Ref Range (Rubella IgG)
Non Reactive < 10.0
Reactive >= 10.0
Interpretation:
Positive IgG antibodies indicate an exposure to virus, either after infection or vaccination.
Ref Range (CMV IgG)
Non Reactive < 0.50
Equivocal 0.50 - < 1.0
Positive >= 1.0
Interpretation:
Positive CMV IgG levels indicate past infection.
Ref Range (HSV IgG)
Non Reactive < 0.90

SIN No:GGN0009289, Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017

Booking Centre :585 - Max Hospital - Gurugram, Opposite HUDA City Centre Metro Station, B - Block, 0124662300

The authenticity of the report can be verified by scanning the Q R Code on top of the page

MAX Lab

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.	

Serology

Test Name	Result	Unit	Bio Ref Interval

Equivocal 0.90 - 1.10
Reactive > 1.10

Interpretation:
Positive HSV IgG levels indicate past infection.

Ref Range(Toxo IgM)
Non Reactive < 0.80
Equivocal >= 0.80 - < 1.0
Reactive > 1.0

Interpretation:
Positive IgM antibodies help in the diagnosis of congenital / Acute Acquired toxoplasmosis.

Ref. Range (Rubella IgM)
Negative < 0.80
Equivocal >=0.80 - 1.0
Positive >= 1.0

Interpretation:
Positive IgM antibodies to Rubella virus is seen in recent infection.

Ref Range (CMV IgM)
Negative < 0.70
Equivocal >=0.70 - < 1.0
Positive > 1.0

Interpretation:
Positive CMV IgM antibodies is seen in recent infection.

Ref Range (HSV IgM)
Non Reactive < 0.90
Equivocal 0.90 - 1.10
Reactive > 1.10

Interpretation:
HSV IgM antibody is seen after primary HSV infection.

1. Non reactive results do not always exclude the possibility of infection. Patients with negative results in suspected early disease cases should be retested after 3 weeks
2. Equivocal results may contain low levels of antibodies. In such cases it is recommended to retest after 2 weeks
3. Reactive resultsIgG indicate past or acute infection. IgG avidity testing is recommended to differentiate between recent and past infection
4. ReactiveIgM Rubella&IgM CMV result indicates primary infection / reinfection / reactivation of latent virus respectively.
5. Reactive IgMToxoplasma result indicates recent / past infection as the IgM antibodies can persistupto 18 months post infection.
6. Reactive HSV IgM results are seen with primary HSV infection.
7. A definitive clinical diagnosis should not be made by result of a single test only, but should be made by taking clinical history and other laboratory findings in to account

SIN No:GGN0009289, Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017

Booking Centre :585 - Max Hospital - Gurugram, Opposite HUDA City Centre Metro Station, B - Block, 0124662300

The authenticity of the report can be verified by scanning the Q R Code on top of the page

MAX Lab

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.	

Serology

Test Name	Result	Unit	Bio Ref Interval

Kindly correlate with clinical findings

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

Dr. Bansidhar Tarai, M.D.
Associate Director
Microbiology & Molecular Diagnostics

Dr. Poornima Sen, M.D.
Consultant - Microbiology

Dr. Madhuri Somani, M.D. , DNB
Consultant - Microbiology

SIN No:GGN0009289, Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017

Booking Centre :585 - Max Hospital - Gurugram, Opposite HUDA City Centre Metro Station, B - Block, 0124662300

The authenticity of the report can be verified by scanning the Q R Code on top of the page

MAX Lab

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.	

Hematology Special
Thrombophilia Profile

Test Name	Result	Unit	Bio Ref Interval
Protein C, Functional, Sodium Citrate			
Protein C, Functional	114	%	70 - 140

Interpretation
Protein C is a zymogen, the activated form of which plays an important role in regulating anticoagulation, inflammation, cell death, and maintaining the permeability of blood vessel walls in humans and other animals.
Reduced levels predispose to VTE. It can be seen in hereditary deficiency, pregnancy, Oral anticoagulant e.g. Warfarin, malignancy and liver diseases.

Natural Killer Cells, Flow Cytometry, EDTA

Flow Cytometry Number	**IM 173/2021**	
Total Leucocytes	4100	cells/µl
Lymphocyte percentage	41.9	%
NK cells percentage:	12.23	% of gated lymphocytes
NK cells absolute count	**210.05**	cell/ul
(Expected reference range 67 - 1134 cells/µl)		

Free Protein S,Citrate Plasma

Protein S, Free Latex Ligand Immunoassay	89.7	%	74.1-146.1

Interpretation Protein S is a vitamin K-dependent plasma glycoprotein synthesized in the liver. It functions as a cofactor to Protein C in the inactivation of Factors Va and VIIIa and plays a role in anticoagulation pathway.
Reduced levels predispose to VTE. It can be seen in hereditary deficiency, pregnancy, Oral anticoagulant e.g. Warfarin, nephritic syndrome and liver diseases.

SIN No:GGN0009289, Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017

Booking Centre :585 - Max Hospital - Gurugram, Opposite HUDA City Centre Metro Station, B - Block, 0124662300

The authenticity of the report can be verified by scanning the Q R Code on top of the page

MAX Lab

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.	

Hematology Special
Thrombophilia Profile

Test Name	Result	Unit	Bio Ref Interval
Lupus Anticoagulant, Sodium Citrate			
Silica Clotting Time	.		
SCT Screen	45.50	Sec	30 - 49
SCT Screen ratio	1.15		
SCT Confirm	37.40	Sec	26.6 - 38.8
SCT Confirm ratio	1.14		
SCT Screen : Confirm ratio	1.01		< 1.20
Interpretation	No Lupus Like Anticoagulant Present		
Factor V by APCR, Citrate Plasma, Sodium Citrate			
APCR-V-Ratio	2.69		>2
Cut Off	2.00		
Result (APCR)	Negative		

Interpretation Factor V Leiden is a variant (mutated form) of human factor V (one of several substances that helps blood clot), which causes an increase in blood clotting (hypercoagulability). With this mutation, the anticoagulant protein secreted (which normally inhibits the pro-clotting activity of factor V) is not able to bind normally to Factor V, leading to a hypercoagulable state.

Advice: - Factor V Leiden Mutation analysis by PCR can be done for confirmation.

SIN No:GGN0009289, Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017

Booking Centre :585 - Max Hospital - Gurugram, Opposite HUDA City Centre Metro Station, B - Block, 0124662300

The authenticity of the report can be verified by scanning the Q R Code on top of the page

MAX Lab

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.	

Hematology Special
Thrombophilia Profile

Test Name	Result	Unit	Bio Ref Interval
Anti Thrombin - III - Functional,Citrate Plasma			
Antithrombin III Functional Chromogenic assay	99	%	10-150

Interpretation Syn – Antithrombin III

Antithrombin is a small protein molecule that inactivates several enzymes of the coagulation system.
Low levels of AT are found in 4-5% patients with unexplained VTE.

Reduced levels are seen in Hereditary deficieny, chronic liver diseases, heparin therapy, pregnancy (3rd trimester), acute leukemia, burns and renal diseases.

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.
Principal Consultant & Head,
Haematopathology

SIN No:GGN0009289, Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017

Booking Centre :585 - Max Hospital - Gurugram, Opposite HUDA City Centre Metro Station, B - Block, 0124662300

The authenticity of the report can be verified by scanning the Q R Code on top of the page