

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

Test Name	Result	Unit	Bio Ref Interval
-----------	--------	------	------------------

ANA By Immunofluorescence, Serum

Anti Nuclear Antibodies <small>Immunofluorescence</small>	Positive		Negative
Primary Dilution	1:40		
Primary Intensity on IF	2+		
Nuclear Pattern	Speckled		
Cytoplasmic Pattern	Negative		
Mitotic Pattern	Negative		
End Point Titre	1:320		
Advise :	ANA LIA		

Interpretation

Anti Nuclear Antibody IFA, HEP2000, Serum Immunofluorescence
(Syn: Anti-Nuclear Antibody)

ANA immunofluorescence is the gold standard test for screening for autoimmune antibodies and has higher sensitivity as compared to ANA ELISA. False ANA positivity may be seen in - certain viral infections (Hepatitis C, Parvovirus and many other), bacterial infections (Tuberculosis), parasitic infection (schistosomiasis), certain malignancies and medications. ANA Immunofluorescence results need to be corroborated with clinical features and other laboratory findings for definitive evidence of auto-immune disorder.

Advise: -

- A repeat ANA testing is recommended after 12 weeks after an acute episode of infection.
- ANA LIA should be added in cases with positive ANA Immunofluorescence result to know which extractable nuclear antigen is present in the patients, which helps in classifying patients for specific autoimmune disorder.

Kindly correlate with clinical findings

*** End Of Report ***



Laboratory Investigation Report

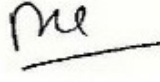
Patient Name	Centre
Age/Gender	OP/IP No
Max ID/Mobile	Collection Date/Time
Lab ID	Receiving Date
Ref Doctor	Reporting Date
Passport No.	

Hematology Special

Test Name	Result	Unit	Bio Ref Interval
-----------	--------	------	------------------



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



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.	

Clinical Biochemistry Renal Profile, Serum + Urine

Urea, Serum

Date	25/Oct/2021 12:01PM	12/Oct/21 10:32AM	19/Aug/21 04:16AM	08/Aug/21 11:13PM	Unit	Bio Ref Interval
Urea <small>Urease, UV</small>	56.6	42.9	57.9	52.4	mg/dL	17.0 - 43.0

Creatinine, Serum

Date	25/Oct/2021 12:01PM	12/Oct/21 10:32AM	19/Aug/21 04:16AM	08/Aug/21 11:13PM	Unit	Bio Ref Interval
Creatinine <small>Rate-Jaffe</small>	2.27	1.91	2.85	1.68	mg/dl	0.61 - 1.24
eGFR <small>MDRD</small>	30.49	37.22	23.47	43.19	ml/min/1.73 m ²	

Ref. Range

eGFR - Estimated Glomerular Filtration Rate is calculated by MDRD equation which is most accurate for GFRs ≤ 60 ml / min / 1.73 m². MDRD equation is **used for adult population only.**

<60 ml / min / 1.73 m² - Chronic Kidney Disease
<15 ml / min / 1.73 m² - Kidney failure

Sodium, Serum

Date	25/Oct/2021 12:01PM	12/Oct/21 10:32AM	19/Aug/21 04:16AM	08/Aug/21 11:13PM	Unit	Bio Ref Interval
Sodium <small>ISE Indirect</small>	136.1	136.0	126.9	129.8	mmol/L	136 - 146



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.	

Clinical Biochemistry Renal Profile, Serum + Urine

Potassium, Serum

Date	25/Oct/2021 12:01PM	12/Oct/21 10:32AM	19/Aug/21 04:16AM	08/Aug/21 11:13PM	Unit	Bio Ref Interval
Potassium <small>ISE indirect</small>	5.31	4.4	4.58	3.68	mmol/L	3.5 - 5.1

Chloride, Serum

Date	25/Oct/2021 12:01PM	12/Oct/21 10:32AM	19/Aug/21 04:16AM	08/Aug/21 11:13PM	Unit	Bio Ref Interval
Chloride <small>ISE indirect</small>	108.0	103.0	99.3	105.9	mmol/L	101 - 109

Bicarbonate, Serum

Date	25/Oct/2021 12:01PM	12/Oct/21 10:32AM	19/Aug/21 04:16AM	08/Aug/21 11:13PM	Unit	Bio Ref Interval
Bicarbonate <small>Enzymatic</small>	21.0	23.0	17.2	21.9	mmol/L	21 - 31



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.	

Clinical Biochemistry
Renal Profile, Serum + Urine

MAU / Creatinine Ratio Urine

Date	25/Oct/2021 12:01PM	12/Oct/21 10:32AM	Unit	Bio Ref Interval
Microalbumin, Urine <small>Immunoturbidimetric</small>	420.47	427.84	mg/dL	< 1.9
Creatinine, Urine	112.05	77.95	mg/dL	22 - 328
Microalbumin/Creatinine Ratio <small>Calculated</small>	3752.52	5489	µg/mg Creatinine	< 30

Comment

Category	Spot Collection
Normal	< 30 µg/mg creatinine
Microalbuminuria	30 – 299 µg/mg creatinine
Clinical Albuminuria	> 300 µg/mg creatinine

Calcium, Serum

Date	25/Oct/2021 12:01PM	12/Oct/21 10:32AM	19/Aug/21 04:16AM	08/Aug/21 11:13PM	Unit	Bio Ref Interval
Calcium (Total) <small>Arsenazo III</small>	9.25	8.9	8.80	8.43	mg/dL	8.8 - 10.6

Comment

Increased in Primary and Tertiary hyperparathyroidism, malignant disease with bone involvement, Polycythemia vera, pheochromocytoma and Sarcoidosis.
 Advise: PTH testing. If normal or increased, then check urine Ca⁺⁺/Creatinine ratio to exclude Familial benign hypocalciuric hypercalcemia (FBHH)
 Decreased in surgical or congenital hyperparathyroidism; Vitamin D deficiency, chronic renal failure; magnesium deficiency, prolonged anticonvulsant therapy, acute pancreatitis, hyperphosphatemia, massive blood transfusion, leprosy, proximal and distal renal tubular disease, alcoholism and hepatic cirrhosis.
Advice: Albumin, Phosphate, Creatinine, Alkaline Phosphatase and PTH.



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.	

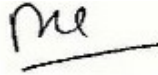
Clinical Biochemistry
Renal Profile, Serum + Urine

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



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.	

Clinical Pathology Renal Profile, Serum + Urine

Urine Routine And Microscopy

Date	25/Oct/2021	12/Oct/21	Unit	Bio Ref Interval
	12:01PM	10:32AM		

Macroscopy

Reflectance photometry

Colour	Light-Yellow	Light-Yellow		Pale Yellow
PH	5.0	6.0	..	5-6
Specific Gravity	1.016	1.013		1.015 - 1.025
Protein	++	+++		Nil
Glucose.	Trace	Trace		Nil
Ketones	Nil	Nil		Nil
Blood	Nil	Trace		Nil
Bilirubin	Nil	Nil		Nil
Urobilinogen	Normal	Normal		Normal
Nitrite	Negative	Negative		

Microscopy

Light Microscopy/Image capture microscopy

Red Blood Cells (RBC)	Nil	1 - 2	/HPF	Nil
White Blood Cells	2 - 3	0 - 1	/HPF	0.0-5.0
Squamous Epithelial Cells	0 - 1	0 - 1	/HPF	
Cast	Nil	Nil	/LPF	Nil
Crystals	Nil	Nil	..	Nil
Bacteria	Nil	Nil	/HPF	Nil

Kindly correlate with clinical findings

*** End Of Report ***



Page 7 of 8

SIN No:DD0409514, Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017
 Booking Centre :1103 - Max Hospital Saket(East Block), 1, 2, Press Enclave Marg, Saket Institutional Area, Saket, New Delhi, 7982100200
 The authenticity of the report can be verified by scanning the Q R Code on top of the page



MC-2714

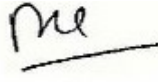
Laboratory Investigation Report

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

Clinical Pathology
Renal Profile, Serum + Urine



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

