

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 Special

Test Name	Result	Unit	Bio Ref Interval
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Elisa Dengue IgG Antibody, Serum*

Dengue IgG	1.48	Index	
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Ref. Range

Negative <0.90
 Equivocal 0.90-1.1
 Positive >1.1

Comment :

This test detects the presence of antibodies to dengue virus in the specimen and should not be used as the sole criterion for the diagnosis of dengue virus infection.

In early infections and some secondary infections, detectable levels of IgM antibodies may be low.

Some patients may not produce detectable levels of antibody within the first seven to ten days after infection. If the test result is negative and clinical symptoms persist, patients should be retested 3-4 days after the first specimen.

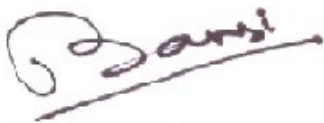
Serological cross-reactivity across the flavi virus group (dengue virus, St. Louis encephalitis, Japanese encephalitis, West Nile virus and yellow fever virus) is common.

A negative results does not preclude the possibility of early dengue virus infection.

Advise : "Dengue ELISA and Dengue PCR".

Kindly correlate with clinical findings

*** End Of Report ***



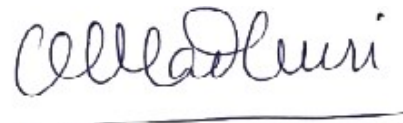
Dr. Bansidhar Tarai, M.D.

Associate Director
 Microbiology & Molecular Diagnostics



Dr. Poornima Sen, M.D.

Consultant - Microbiology



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Covid 19 Antigen Test (Nasal Swab)*

Immunochromatography

Covid 19 Antigen Test Negative

Comment Interpretation :-

- This is rapid card test for the qualitative detection of specific antigen to SARS-CoV-2.
- The test should be used for early diagnosis of **symptomatic cases** within 6-7 days after onset of symptoms
- Test is moderate sensitivity and high specificity
- When the antibody production starts, the antigen level will drop down rapidly.
- A positive test should be considered as a true positive whereas **all symptomatic individuals testing negative through the rapid antigen test should be confirmed with a real time PCR test.**

Indications for the tests

1. a. Asymptomatic direct and high risk contact

b. Between 5 to 10 days after exposure to Covid positive patient.

2. Asymptomatic high risk group

- Chemotherapy; Immunosuppressed patient; Malignancy; Transplant
- Elderly (>65 years) co-morbidities (lung/heart/kidney/brain/blood/Diabetes Disorder)

3. Asymptomatic patients undergoing aerosol generating surgical/non-surgical interventions:-

- Elective/emergency surgical procedures like neurosurgery, ENT surgery, dental procedures or any other surgery,
- Non surgical interventions like bronchoscopy, upper GI endoscopy and dialysis ,Radiology procedures

4. Emergency purpose [symptomatic and asymptomatic]



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Booking Centre :1103 - Max Hospital Saket(East Block), 1, 2, Press Enclave Marg, Saket Institutional Area, Saket, New Delhi, 7982100200

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

Max Super Speciality Hospital, Saket (West Block), 1, Press Enclave Road, Saket, New Delhi - 110 017, Phone: +91-11-6611 5050

(CIN No.: U85100DL2021PLC381826)

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

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Kindly correlate with clinical findings

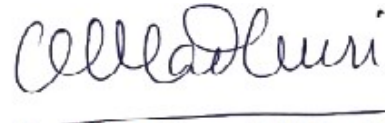
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Clinical Biochemistry Renal Profile (Without Urine),Serum

Urea, Serum

Date	15/Oct/2021 09:58PM	Unit	Bio Ref Interval
Urea Urease, UV	95.4	mg/dL	17.0 - 43.0

Creatinine, Serum

Date	15/Oct/2021 09:58PM	Unit	Bio Ref Interval
Creatinine Rate-Jaffe	1.24	mg/dL	0.8 - 1.3
eGFR MDRD	57.02	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.**

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

<15 ml / min / 1.73 m² - Kidney failure

Sodium, Serum

Date	15/Oct/2021 09:58PM	Unit	Bio Ref Interval
Sodium ISE Indirect	133.7	mmol/L	136 - 146



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Clinical Biochemistry Renal Profile (Without Urine),Serum

Potassium, Serum

Date	15/Oct/2021 09:58PM	Unit	Bio Ref Interval
Potassium ISE indirect	4.11	mmol/L	3.5 - 5.1

Chloride, Serum

Date	15/Oct/2021 09:58PM	Unit	Bio Ref Interval
Chloride ISE indirect	103.9	mmol/L	101 - 109

Bicarbonate, Serum

Date	15/Oct/2021 09:58PM	Unit	Bio Ref Interval
Bicarbonate Enzymatic	22.5	mmol/L	21 - 31

Calcium, Serum

Date	15/Oct/2021 09:58PM	Unit	Bio Ref Interval
Calcium (Total) Arsenazo III	7.91	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.



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Clinical Biochemistry

Liver Function Test Profile, Serum

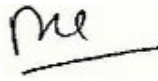
Date	15/Oct/2021 09:58PM	Unit	Bio Ref Interval
Total Protein	6.14	g/dL	6.6 - 8.3
Biuret			
Albumin	2.4	g/dL	3.5 - 5.2
Bromcresol Green (BCG)			
Globulin	3.7	g/dl	2.3 - 3.5
Calculated			
A.G. ratio	0.6		1.2 - 1.5
Calculated			
Bilirubin (Total)	0.71	mg/dL	0.3 - 1.2
DPD			
Bilirubin (Direct)	0.13	mg/dL	0.0 - 0.2
Diazotization			
Bilirubin (Indirect)	0.58	mg/dL	0.1 - 1.0
Calculated			
SGOT- Aspartate Transaminase (AST)	94	IU/L	< 50
UV without P5P			
SGPT- Alanine Transaminase (ALT)	101	IU/L	< 50
UV without P5P			
Alkaline Phosphatase	80	IU/L	30 - 120
PNPP, AMP Buffer			
GGTP (Gamma GT), Serum	34.0	IU/L	< 55
Enzymatic Rate			

Kindly correlate with clinical findings

*** End Of Report ***



Dr. Poonam. S. Das, M.D.
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Dr. Dilip Kumar M.D.
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Manager Quality



Dr. Nitin Dayal, M.D.
Principal Consultant & Head,
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MC-2714

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Hematology

CBC (Complete Blood Count), Whole Blood EDTA

Date	15/Oct/2021 09:58PM	Unit	Bio Ref Interval
Haemoglobin	12.6	g/dl	13.0 - 17.0
Packed Cell, Volume Calculated	37.6	%	40-50
Total Leucocyte Count (TLC) Electrical Impedance	10.5	10~9/L	4.0-10.0
RBC Count Electrical Impedance	4.54	10~12/L	4.5-5.5
MCV Electrical Impedance	82.8	fL	83-101
MCH Calculated	27.7	pg	27-32
MCHC Calculated	33.4	g/dl	31.5-34.5
Platelet Count Electrical Impedance	150	10~9/L	150-410
Comment: The platelet count has also been rechecked microscopically.			
MPV Calculated	10.9	fl	7.8-11.2
RDW Calculated	15.7	%	11.5-14.5

Differential Cell Count

VCS / Light Microscopy

Neutrophils	54.9	%	40-80
Lymphocytes	39.0	%	20-40
Monocytes	5.3	%	2-10
Eosinophils	0.1	%	1-6
Basophils	0.7	%	0-2

Absolute Leukocyte Count

Calculated from TLC & DLC

Absolute Neutrophil Count	5.76	10~9/L	2.0-7.0
Absolute Lymphocyte Count	4.1	10~9/L	1.0-3.0
Absolute Monocyte Count	0.56	10~9/L	0.2-1.0



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Hematology

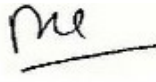
Absolute Eosinophil Count	0.01	10~9/L	0.02-0.5
Absolute Basophil Count	0.07	10~9/L	0.02-0.1

Kindly correlate with clinical findings

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