

Laboratory Investigation Report

Patient Name	Centre
Age/Gender	OP/IP No/UHID
MaxID/Lab ID	Collection Date/Time
Ref Doctor	Reporting Date/Time

Hematology
Max Fever Panel Advance

Complete Haemogram, Peripheral Smear and ESR, EDTA

Date	16/Aug/2024 06:43PM	29/Sep/23 10:12AM	30/Jun/23 08:17AM	Unit	Bio Ref Interval
Haemoglobin	13.5	15.1	15.1	g/dl	13.0 - 17.0
Packed Cell, Volume Calculated	38.7	45.8	42.6	%	40-50
Total Leucocyte Count (TLC) Electrical Impedance	4.1	7.5	6.0	10~9/L	4.0-10.0
RBC Count Electrical Impedance	4.46	5.16	4.79	10~12/L	4.5-5.5
MCV Electrical Impedance	86.8	88.8	88.9	fL	83-101
MCH Calculated	30.2	29.2	31.4	pg	27-32
MCHC Calculated	34.8	32.9	35.3	g/dl	31.5-34.5
Platelet Count Electrical Impedance	185	289	257	10~9/L	150-410
MPV Calculated	8.5	8.5	8.4	fl	7.8-11.2
RDW Calculated	13.8	13.6	13.9	%	11.5-14.5

Differential Cell Count

VCS / Light Microscopy

Neutrophils	63.8	58.1	52.3	%	40-80
Lymphocytes	19.4	31.8	36.7	%	20-40
Monocytes	15.9	6.0	7.4	%	2-10
Eosinophils	0.3	3.0	2.9	%	1-6
Basophils	0.6	1.1	0.7	%	0-2

Absolute Leukocyte Count

Calculated from TLC & DLC

Absolute Neutrophil Count	2.62	4.36	3.14	10~9/L	2.0-7.0
Absolute Lymphocyte Count	0.8	2.4	2.2	10~9/L	1.0-3.0
Absolute Monocyte Count	0.65	0.45	0.44	10~9/L	0.2-1.0
Absolute Eosinophil Count	0.01	0.23	0.17	10~9/L	0.02-0.5
Absolute Basophil Count	0.020	0.080	0.040	10~9/L	0.02-0.1
ESR (Modified Westergren) 14		4	2	mm/hr	<=10

Peripheral Smear
Examination
RBC: - Normocytic Normochromic

Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017

Booking Centre :3641 - Max Lab Gautam Nagar New Delhi, Shop Number 100A/7, Ground Floor, Gautam Nagar, 8750033675

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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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MC-2714

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Hematology**Max Fever Panel Advance**

SIN No: B2B5867269

WBC: - Counts within normal limits**Platelet:** - Adequate

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Hematology**Max Fever Panel Advance**

SIN No: B2B5867269

Test Name	Result	Unit	Bio Ref Interval
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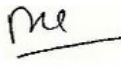
Peripheral Smear for Malarial Parasite, EDTA, EDTA

Peripheral Smear for Malarial Parasite Light Microscopy	Not seen		
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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

Test Performed at : 910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017

Booking Centre : 3641 - Max Lab Gautam Nagar New Delhi, Shop Number 100A/7, Ground Floor, Gautam Nagar, 8750033675

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Clinical Biochemistry
Max Fever Panel Advance

SGOT - Aspartate Amino Transferase, Serum

Date	16/Aug/2024	31/Aug/23	Unit	Bio Ref Interval
	06:43PM	10:04AM		
SGOT- Aspartate Transaminase (AST) UV without P5P	33	20	U/L	0 - 50

Interpretation

Increased in acute hepatitis especially viral hepatitis, liver cell necrosis or injury of any cause, including cholestatic or obstructive jaundice, chronic hepatitis and drug induced injury to liver.

SGPT - Alanine Amino Transferase, Serum

Date	16/Aug/2024	31/Aug/23	Unit	Bio Ref Interval
	06:43PM	10:04AM		
SGPT- Alanine Transaminase (ALT) UV without P5P	34	23	U/L	0 - 50

Interpretation

Increased in Acute Liver Cell necrosis of any cause, severe shock right heart failure, acute anoxia (e.g. status asthmaticus), extensive trauma and left heart failure.

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. Rajeev Kumar, MD
 Associate Consultant
 Biochemistry

Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017

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Serology

Max Fever Panel Advance

Test Name	Result	Unit	Bio Ref Interval
Widal Test (Slide), Serum			
Slide Agglutination			
Salmonella typhi, (O)	<1:80	Titre	<1:80
Slide Agglutination			
Salmonella typhi, (H)	<1:80	Titre	<1:160
Slide Agglutination			
Salmonella paratyphi (AH)	<1:80	Titre	<1:160
Slide Agglutination			
Salmonella paratyphi (BH)	<1:80	Titre	<1:160
Slide Agglutination			

Interpretation

1. This is slide agglutination test. Widal test by tube method is more specific and recommended test.
2. This is only screening test and definite diagnosis should not be based upon this single test.
3. 'H' titre > 1:160 and 'O' titre > 1:80 are positive however the treatment should be started based upon the clinical symptoms and other supplemental tests like blood culture and Widal tube method.

Advice:

1. First week of fever: Blood Culture.
2. Second week of fever: Widal tube test.

Kindly correlate with clinical findings

*** End Of Report ***



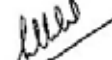
Dr. Poonam S. Das, M.D.
Principal Director-
Max Lab & Blood Bank Services



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



Dr. Sonu Kumari Aggrawal, MD
Consultant Microbiology



Dr. Nidhi Malik, MD
Consultant Microbiology

Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017

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SEROLOGY SPECIAL.
Max Fever Panel Advance


Test Name	Result	Unit	Bio Ref Interval
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Dengue NS 1 Antigen Test

Dengue NS 1 Antigen CLIA	0.15	Index	
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Ref. Range

Negative ≤ 0.9
 Equivocal 0.9 - 1.1
 Positive > 1.1

Comment :

- The detection of NS1 antigen has been described as an alternative method for early diagnosis of dengue virus infection.
- NS1 antigen was found circulating from the first day and up to 9 days after the onset of fever, with comparable levels observed in primary and secondary infections.
- A negative results does not preclude the possibility of early dengue virus infection.

Note: Recommended test is NS1 Antigen by ELISA in the first 5 days of fever. After 7-10 days of fever, the recommended test is Dengue fever antibodies IgG & IgM by ELISA

Kindly correlate with clinical findings

*** End Of Report ***



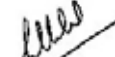
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Clinical Pathology
Max Fever Panel Advance

Urine Routine And Microscopy

Date	16/Aug/2024	29/Sep/23	30/Jun/23	Unit	Bio Ref Interval
	06:43PM	10:12AM	08:17AM		

Macroscopy

Colour Visual Observation/ Automated	Pale Yellow	Pale Yellow	Light-Yellow		Pale Yellow
PH Double Indicator	6.0	6.0	6.5	..	5-6
Specific Gravity pKa change	>=1.030	1.020	1.011		1.015 - 1.025
Protein Protein-error of indicators	Trace	Neg	Nil		Nil
Glucose. Enzyme Reaction	Neg	Neg	Nil		Nil
Ketones Acetoacetic Reaction	Trace	Neg	Nil		Nil
Blood Benzidine Reaction	Neg	Neg	Nil		Nil
Bilirubin Diazo Reaction	Neg	Neg	Nil		Nil
Urobilinogen Ehrlichs Reaction	Normal	Normal	Normal		Normal
Nitrite Conversion of Nitrate	Neg	Neg	Negative		

Microscopy

Red Blood Cells (RBC) Light Microscopy/Image capture microscopy	0	0	Nil	/HPF	Nil
White Blood Cells Light Microscopy/Image capture microscopy	1	1	0 - 1	/HPF	0.0-5.0
Squamous Epithelial Cells Light Microscopy/Image capture microscopy	1	1	0 - 1	/HPF	
Cast Light Microscopy/Image capture microscopy	Nil	Nil	Nil	/LPF	Nil
Crystals Light Microscopy/Image capture microscopy	Nil	Nil	Nil	..	Nil
Bacteria	Nil	Nil	Nil	/HPF	Nil

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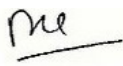
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Clinical Pathology
Max Fever Panel Advance

SIN No: B2B5867269

Light Microscopy/Image capture
microscopy

Kindly correlate with clinical findings

***** End Of Report *******Dr. Poonam. S. Das, M.D.**
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Max Lab & Blood Bank Services**Dr. Dilip Kumar M.D.**
Associate Director &
Manager Quality**Dr. Nitin Dayal, M.D.**
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