



Laboratory Investigation Report

Patient Name	: Mr. Ajay Verma	Centre	: 910 - Max Hospital - Saket M S S H
Age/Gender	: 53 Y 5 M 30 D / M	OP/IP No/UHID	: IP/231107/3320D/
MaxID/Lab ID	: SKDD.917850/0628122224341	Collection Date/Time	: 01/Jan/2023 05:35AM
Ref Doctor	: Dr.Subhash Gupta	Reporting Date/Time	: 02/Jan/2023 05:23PM



Test Name	Molecular Diagnostics	Result	Unit	Bio Ref Interval
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CMV Quantitative RT PCR, Plasma EDTA

Real Time PCR

CMV DNA	198.00	Copies/ml
Real Time PCR		
Interpretation	Mild Significant	

Comment

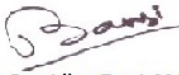
Value	Interpretation
< 100 copies/mL	Insignificant CMV Load
100 1000 copies/mL	Mild Significant, No treatment recommended
>1000 copies/mL	Significant CMV Load. Treatment as per clinician

Note:

- CMV quantitative PCR will be able to detect 0.36 copies/μl of CMV DNA in the blood.
- No cross-reactivity is seen with mixed infections.
- Although rare, mutations within the highly conserved regions of the viral genome covered by the kit's primers and/or probe may result in under quantitation or failure to detect the presence of the virus in these cases.
- The test results obtained using this kit serve only as an aid to diagnosis and should be interpreted in relation to the patient's history, physical findings and other diagnostic procedures.

Kindly correlate with clinical findings

*** End Of Report ***


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


Dr. Sonu Kumari Agrawal, MD
 Associate 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

Booking Centre :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017, 9090909090

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Serology

SIN No:MS0783693

Test Name	Result	Unit	Bio Ref Interval
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Cytomegalo Virus (CMV) - IgM,Serum

CMV IgM ECLIA	0.355	COI	
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Ref. Range

Negative < 0.70

Equivocal >= 0.70 - < 1.0

Positive > 1.0

Interpretation

1. First step in the diagnosis acute primary CMV infection is most commonly made by the detection of anti CMV specific IgG and IgM antibodies.
2. Sample being reactive for IgM antibodies indicative an acute, recent or reactivated infection.
3. Further analysis of primary CMV infection, the determination of CMV IgG avidity is used an aid.
4. A positive IgM result in combination with low avidity index for IgG is strong indication of primary CMV infection within the last 4 months.
5. Seroconversion to CMV IgM and IgG also establishes the diagnosis of recent CMV infection.

Kindly correlate with clinical findings

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

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



Dr. Bansidhar Tarai, M.D
Associate Director
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Dr. Sonu Kumari Agrawal, MD
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