

Patient Name : Mr MR.DUMMY

DOB/Age/Gender : 23 Y/Male

Patient ID / UHID : 8052274/RCL7248846

Referred By : Dr. Dr. X

Sample Type : Serum

Sample Collected : Apr 26, 2024, 01:00 PM

Report Date : May 25, 2024, 12:57 PM.

Barcode No : SI484857

Report Status : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
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Cytomegalovirus (CMV) IgG Antibodies

Cytomegalovirus (CMV) Antibody-IgG CLIA	345.777	U/mL	Non-Reactive <12 Grey Zone 12 - 14 Reactive >= 14
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Interpretation:

RESULT IN U/mL	REMARKS
<12.00	Negative
12.00-14.00	Equivocal
>=14.00	Positive

Note

1. This assay is used for quantitative detection of specific IgG antibodies to Cytomegalovirus (CMV) in serum samples.
2. Positive result for CMV IgG indicates past infection with Cytomegalovirus. Pregnant females with positive CMV specific IgG antibodies are considered to be immune and hence risk of transmission of infection to fetus is minimal.
3. Equivocal results should be re-tested in 10-14 days.
4. Negative result indicates person has not been exposed to CMV infection in the past. Pregnant females with negative CMV specific IgG antibodies are considered at risk of transmission of infection to fetus. Patients with negative results in suspected disease should be re-tested after 10-14 days. False negative results can be due to immunosuppression or due to low/undetectable level of IgG antibodies.
5. To differentiate between recent and past infection, CMV IgG avidity test is indicated.
6. The result should be interpreted in conjunction with clinical finding and other diagnostic tests.
7. The magnitude of the measured result is not indicative of the amount of antibody present.

Comments

Cytomegalovirus (CMV) is a member of the Herpesviridae family of viruses and usually causes asymptomatic infection after which it remains latent in patients, primarily within bone marrow derived cells. Seroprevalance increases with age. Infections can be acquired through direct contact with individuals shedding the virus. CMV can be transmitted vertically and horizontally, and infection can be classified as being acquired before birth (pre-natal), at the time of birth (perinatal) or later in life (postnatal). Infections are usually mild and asymptomatic but may pose a significant medical risk in pregnant women, newborns and immunocompromised individuals. In utero infection can lead to varying degrees of mental retardation, chorioretinitis, hearing loss and neurologic problems. Single test results are useful in screening organ transplant recipients and donors before transplantation and donors of blood products that are to be administered to premature infants and bone marrow transplant patients. In patients with CMV neurologic disease, CSF may be tested for presence of CMV specific antibodies. However in interpreting CSF IgG CMV levels it should be done in conjunction with serum IgG levels and ratio of 4:1 is considered significant indicating neurological CMV infection.

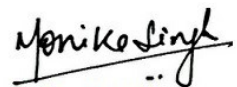
*** End Of Report ***

Disclaimer: Method given in report are only indicative and can be changed depending upon type of machine and kit available at time of testing.

Not all tests at all locations are under NABL scope. Availability of tests under NABL scope varies from lab to lab.



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M.D. (Microbiology)
Consultant Microbiologist



Booking Centre :- DEMO PARTNER CHENNAI, DEMO PARTNER CHENNAI
Processing Lab :-

 928-909-0609 ccsupport@redcliffelabs.com www.redcliffelabs.com

All Lab results are subject to clinical interpretation by qualified medical professional and this report is not subject to use for any medico-legal purpose.

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