# LABORATORY REPORT

Redcliffe labs

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|---|---|---|---|
| Patient Name | : **Mr MR.DUMMY** | | |
| DOB/Age/Gender | : 23 Y/Male | Sample Collected | : Apr 26, 2024, 01:00 PM |
| Patient ID / UHID | : 8052274/RCL7248846 | Report Date | : May 25, 2024, 12:57 PM. |
| Referred By | : Dr. Dr. X | Barcode No | : SI484857 |
| Sample Type | : Serum | Report Status | : Final Report |

| Test Description | Value(s) | Unit(s) | Reference Range |
|---|---|---|---|

## Cytomegalovirus (CMV) IgG Antibodies

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

**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 :-

# Terms and Conditions of Reporting

1. The presented findings in the Reports are intended solely for informational and interpretational purposes by the referring physician or other qualified medical professionals possessing a comprehensive understanding of reporting units, reference ranges, and technological limitations. The laboratory shall not be held liable for any interpretation or misinterpretation of the results, nor for any consequential or incidental damages arising from such interpretation.

2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.

3. It is to be noted that variations in results may occur between different laboratories and over time, even for the same parameter for the same Customer. The assays are performed and conducted in accordance with standard procedures, and the reported outcomes are contingent on the specific individual assay methods and equipment(s) used, as well as the quality of the received specimen.

4. This report shall not be deemed valid or admissible for any medico-legal purposes.

5. The Customers assume full responsibility for apprising the Company of any factors that may impact the test finding. These factors, among others, includes dietary intake, alcohol, or medication / drug(s) consumption, or fasting. This list of factors is only representative and not exhaustive.