

Patient Name : Mr MR.DUMMY

DOB/Age/Gender : 23 Y/Male

Patient ID / UHID : 8052554/RCL7249173

Referred By : Dr. Dr. X

Sample Type : Serum

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

Report Date : May 25, 2024, 01:31 PM.

Barcode No : SI485055

Report Status : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
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Rubella IgG Avidity

RUBELLA IgG AVIDITY <i>Serum, EIA</i>	50	%	Low Avidity: < 30 Mean Avidity: 30-40 High Avidity: > 40
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Interpretation:

Rubella virus causes a very common infectious disease in humans, accompanied by a typical diffused rash. The course of the illness is generally short and without complications. However, it is harmful for the fetus if contracted during pregnancy, because the virus is teratogenic and may cause very serious malformations especially during the first month of pregnancy. It is therefore essential to determine the patient's state of immunity before the start of pregnancy, if possible, in order to perform vaccination or, if this is impossible, to monitor the course of the pregnancy to observe whether seroconversion occurs. Sometimes it is not sufficient to test for IgM antibodies, as the presence of this class may be due to the persistence of IgM or asymptomatic reinfection by Rubella, without risk for the fetus. For this reason it is useful to assay the avidity of the IgG antibodies, in as far as it has been demonstrated that avidity is low in the acute phase of infection and increases over a period of time. The presence of low avidity antibodies is therefore an indication of a recent or current infection.

The presence of high avidity IgG, even if it does not exclude the possibility of a recent infection, is strongly indicative of a Rubella infection contracted 4 months earlier at least.

The presence of low avidity IgG is strongly indicative of a Rubella infection contracted during the last 3 months

*** 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.

**Dr. Dummy**

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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