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| Patient Name : Mr MR.DUMMY | Sample Collected : Apr 26, 2024, 01:00 PM |
| DOB/Age/Gender : 23 Y/Male | Report Date : May 03, 2024, 04:30 PM |
| Patient ID / UHID : 8052249/RCL7248738 | Barcode No : ZC615796 |
| Referred By : Dr. X | Report Status : Final Report |
| Sample Type : Serum | |

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

Complement Protein Concentration (C4)

| | | | |
|---|------|-------|---------|
| C4 COMPLEMENT, SERUM (Serum, Immunoturbidimetric Assay) | 19.5 | mg/dL | 15 - 57 |
|---|------|-------|---------|

Interpretation:
Comments
 Complement C4 deficiency results in the inability of Immune complexes to activate the complement pathway. This results in inability to generate peptides that clear the immune complexes or generate lytic activity. Hence these patients have increased susceptibility to infections especially with encapsulated microorganisms. C4 deficiency may be an etiologic factor in the development of autoimmune disease.

Increased Levels - Acute phase reaction due to inflammation, trauma & tissue necrosis.

Decreased Levels - Infancy, Genetic deficiency & Acquired deficiency as in SLE, Angioedema, Autoimmune hemolytic anemia and Autoimmune nephritis.

*** 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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