

Patient Name : Mr MR.DUMMY

DOB/Age/Gender : 23 Y/Male

Patient ID / UHID : 8052594/RCL7249237

Referred By : Dr. X

Sample Type : Serum

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

Report Date : May 24, 2024, 06:12 PM.

Barcode No : SI484856

Report Status : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
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Vitamin C (Ascorbic Acid)

Vitamin C (Ascorbic Acid) EIA	1.8	mg/dL	0.4- 2.0
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Interpretation:

Vitamin C is a water-soluble vitamin. This is essential for the conversion of proline and lysine in procollagen to hydroxyproline and hydroxylysine. Vitamin C is essential in the formation and stabilization of the collagen. Vitamin C is mainly absorbed in the small intestine. The best source of Vitamin C is Citrus fruits, Berries, Melons, Green pepper, Tomatoes, Raw cabbage, Leafy green vegetables, Potatoes, etc. Clinical effects of increased Vitamin C include Diarrhea, Nausea and dyspepsia. Over absorption of iron. A stone formation is like oxalate stones due to the increased secretion of oxalate. There may be increased secretion of urates. Effect on diabetes tests and occult blood.

Deficiency of Vitamin C, Clinical effects of decreased vitamin C:

1. Prolonged deficiency leads to Scurvy.
2. There is an inadequate formation of intercellular substances in the connective tissue.
3. Infantile scurvy, also knew Barlow's disease, will show bayonet rib syndrome.
4. There is vascular fragility leads to: Cutaneous bleeding and usually starts in the lower thigh and may spread to the buttocks, abdomen, arms, and legs, Petechial hemorrhage may lead to a large bruise, There is an ocular hemorrhage, Bleeding in the GI tract, kidneys, conjunctiva, and brain and Hemorrhage of the gingiva.
5. There may be dental loss and even fractures.
6. There is delayed wound healing.
7. Other glands like salivary, lacrimal, and parotid may be involved.
8. There may be femoral neuropathy and edema of the lower extremities.

*** 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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