

Patient Name : Mr MR.DUMMY

DOB/Age/Gender : 23 Y/Male

Patient ID / UHID : 8052595/RCL7248954

Referred By : Dr. X

Sample Type : Serum

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

Report Date : May 24, 2024, 10:32 AM.

Barcode No : SI484200

Report Status : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
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Vitamin K1 (Phylloquinone)

Vitamin K1 (Phylloquinone) (Serum,HPLC REVERSE PHASE CHROMATOGRAPHY)	0.46	ng/mL	0.20-3.20
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Interpretation:

Vitamin K is a fat-soluble vitamin, which dissolves in fat and is best absorbed when eaten with some fat. Good sources of vitamin K include green leafy vegetables (such as collards, spinach, and kale) and soybean and canola oils. Vitamin K is necessary for the synthesis of the proteins that help control bleeding (clotting factors) and thus for the normal clotting of blood. It is also needed for healthy bones and other tissues. Vitamin K deficiency can cause hemorrhagic disease of the newborn, characterized by a tendency to bleed. Breastfed infants who have not received this injection at birth are especially susceptible to vitamin K deficiency, because breast milk contains only small amounts of vitamin K. Hemorrhagic disease is more likely in infants who are breastfed or who have a disorder that impairs fat absorption or a liver disorder. Formulas for infants contain vitamin K. Risk is also increased if the mother has taken antiseizure drugs (such as phenytoin), anticoagulants (which make blood less likely to clot), or certain antibiotics.

Deficiency Of Vitamin A Leads To

- 1.Lack of vitamin K in the diet
- 2.A very low fat diet because vitamin K is best absorbed when eaten with some fat
- 3.Disorders that impair fat absorption and that thus reduce the absorption of vitamin K (such as blockage of the bile ducts or cystic fibrosis)
- 4.Certain drugs, including antiseizure drugs, and some antibiotics
- 5.Consumption of large amounts of mineral oil, which may reduce the absorption of vitamin K

*** 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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