

Client
Gurugram
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Processed By
Pathkind Diagnostics Pvt. Ltd.
Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name : Mr. BC383	Billing Date : 07/07/2023 12:14:35
Age : 35 Yrs	Sample Collected on : 10/07/2023 10:01:31
Sex : Male	Sample Received on : 10/07/2023 11:02:13
P. ID No. : P1000100012488	Report Released on : 17/07/2023 18:39:27
Accession No : 10002304544	Barcode No. : 10002304544-01
Referring Doctor : Self	
Referred By :	Ref no. :

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
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BIOCHEMISTRY

# Vitamin E (Tocopherol)	5.12 L	6.00 - 10.00	mg/L
<i>Sample: Serum & EDTA Plasma</i>			
<i>Method: HPLC</i>			

Vitamin E (Tocopherol)

Vitamin E is the nutritional term for the group of naturally occurring tocopherols & tocotrienols that have biological activity similar to RRR - alpha -tocopherol.

Vitamin E is considered necessary for
(1) neurological & reproductive functions,
(2) protecting the RBCs from hemolysis,
(3) prevention of retinopathy in premature infants,
(4) inhibition of free radical chain reactions of lipid peroxidation.

The signs of Vitamin E deficiency are (1) irritability, (2) edema & (3) hemolytic anaemia.

TECHNIQUE : HPLC

DECREASED IN

1. Premature & Low birth weight infants are particularly susceptible to development of Vitamin E deficiency because transplacental transfer is poor & infants have limited adipose tissue.
2. Fat malabsorption such as in Cystic fibrosis & chronic cholestasis has been known to cause neuropathy & hemolytic anaemia.
3. Rare genetic disorder Abetalipoproteinemia.

INCREASED IN Vitamin E toxicity is usually rare & can be due to excess dietary supplementation & may cause Vitamin D & K deficiency by competing for the absorption.

** End of Report**



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10002304544 Mr. BC383

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