

# VITAMIN E SERUM/ PLASMA

## Orderable - VITE

Turnaround Time: 10 days

### Alternate Name(s):

Alpha-Tocopherol

### Specimen:

Serum	Plasma
6 mL Red top Vacutainer tube	4 mL Lavender or 4.5 mL Green (Lithium Heparin) top Vacutainer tube

### Collection Information:

Fasting sample is recommended.

Minimum volume of serum or plasma required is 1 mL.

Spin and aliquot serum or plasma and freeze immediately and send to the lab.

Sample should be collected aseptically in a Vacutainer tube not containing separator gel.

Patient does not need to be fasting.

**Protect from light – amber tube preferred (or wrap in foil).**

### Reference Ranges:

Age	Range
0-<1 year	5-50 µmol/L
1-<12 years	13-32 µmol/L
12-<20 years	12-31 µmol/L
20-<40 years	14-45 µmol/L
40-<60 years	16-58 µmol/L
≥60 years	16-67 µmol/L



**Laboratory:**  
Toxicology/Special  
Chemistry Lab




**Requisition:**  
GENERAL LABORATORY  
REQUISITION



**Method of Analysis:**  
LC-MS/MS



**Test Schedule:**  
Monday--Friday  
0800-1600



# VITAMIN E SERUM/ PLASMA

## Special Processing:

Protect sample from light and freeze immediately after separation.

## Comments:

Fat soluble vitamin. Deficiency causes extensive neuropathy in children and may be caused by bowel disease, pancreatic disease, celiac disease and cystic fibrosis.

## Storage and Shipment:

Separate and freeze.