

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 by wrapping 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.