



PATIENT: **Sample Report**

TEST REF: **TST-##-####**

TEST NUMBER: #####
 PATIENT NUMBER: #####
 GENDER: Female
 AGE: 57
 DATE OF BIRTH: dd-mm-yyyy

COLLECTED: dd/mm/yyyy
 RECEIVED: dd/mm/yyyy
 TESTED: dd/mm/yyyy

PRACTITIONER: **Nordic Laboratories**
 ADDRESS:

TEST NAME: Fat-Soluble Vitamins Profile - Serum



0036 Fat-Soluble Vitamins Profile - Serum

Methodology: High Performance Liquid Chromatography, LC/Tandem Mass Spectrometry, EIA

Ranges: Ages 13 and over.

Results	QUINTILE DISTRIBUTION					95% Reference Range
	1st	2nd	3rd	4th	5th	
Vitamin A						
1. Vitamin A (Retinol)	0.68	0.36			0.74	0.29 - 1.05 mg/L
2. β-Carotene	0.47	0.15			1.70	0.10 - 2.71 mg/L
Vitamin E						
3. alpha-Tocopherol	27.3	9.8			25.1	6.8 - 31.7 mg/L
4. gamma-Tocopherol	0.90	0.26			2.06	0.06 - 2.99 mg/L
Vitamin K						
5. Undercarboxylated Osteocalcin (ucOC)	3.5			3.8		<= 9.0 ng/mL
Coenzyme Q10						
6. Coenzyme Q10	1.48	0.64			2.16	0.48 - 3.04 mg/L
Vitamin D						
7. 25-Hydroxyvitamin D	23.7	L				Reference Range 30.0 - 100.0 ng/mL
8. 25-Hydroxyvitamin D2	<0.1					
9. 25-Hydroxyvitamin D3	23.6					

Normal or elevated levels of fat-soluble vitamins are indicative of sufficient gut absorption, along with adequate dietary or supplement intake. Low levels of fat-soluble vitamins can be related to low dietary intake or to GI conditions affecting absorption including gluten intolerance, pancreatic or bile insufficiency, IBD, or small-bowel surgery. Ensuring gut health and an adequate intake through diet or supplementation can help to increase blood levels.

This test has been developed and its performance characteristics determined by Genova Diagnostics, Inc. It has not been cleared by the U.S. Food and Drug Administration.