

Vital Health Diagnostics
M Attya Ph.D. (eng)

Page 1

Analysis report

Date of print: 3/11/2025 04:12 PM

Name : Doe
D.o.b. : 02/06/1984
Pat. No. : 105377
Institute : Vital Health Diagnostics
Depart. :
Initials : J.
Sex : Male
Applicant : M Attya Ph.D. (eng)



Applicant	VHD
Appoint. date	3/11/25
Appoint. time	02:19 PM
Appoint. No.	289550

VITAMINS (MOL/L)

		Unit	Ref. Range
Vitamin A (as retinol)	2.95	μmol/l	2.20 - 4.00
CAROTENOÏDS			
Luteine	0.06	μmol/l	0.38 - 1.33
Zeaxanthine	0.02	μmol/l	0.08 - 0.27
Luteine+Zeaxanthine	0.08	μmol/l	0.46 - 1.59
Alpha-caroten	0.36	μmol/l	0.13 - 0.86
β-carotene	0.64	μmol/l	0.60 - 2.60
Alpha-lycopene	0.01	μmol/l	0.12 - 0.57
Beta-lycopene	0.01	μmol/l	0.11 - 0.54
Lycopenes	0.02	μmol/l	0.54 - 1.15
Vitamin B1 (Thiamine)	20	nmol/l	
Vitamin B1 (TMP)	6	nmol/l	
Vitamin B1 (TPP)	115	nmol/l	
Total vitamin B1 (as TPP)	123	nmol/l	118 - 235
Riboflavin (B2, FAD)	1000	nmol/l	797 - 1860
Vitamin B3 (Niacinamide)	46	μmol/L	
Vitamin B3 (Nicotinic Acid)	4.0	μmol/L	
Vitamin B3 (NAD)	1.0	μmol/L	
Total vitamin B3 (as N-amide)	51	μmol/L	35 - 60
Vitamin B5 (Pantothenic acid)	7.9	μmol/l	2.7 - 8.4
Vitamin B6 act. (P-5-P)	70	nmol/l	85 - 505
Vitamin B6 (Pyridoxal)	33.8	nmol/l	22.1 - 221.4
Vitamin B6 (Pyridoxin)	7	nmol/l	3 - 41
Vitamin B6 (Pyridoxic acid (PA))	17	nmol/l	6 - 120
PA / P-5-P ratio	0.16	Ratio	0.00 - 0.40
Biotin (B7)	1646	pmol/l	1227 - 12279
Folic Acid (B9/B11)*	38.0	nmol/l	37.0 - 97.0
Vitamin B12*	390	pmol/l	400 - 2000
Vitamin E (as alpha tocopherol)	32.0	μmol/l	29.5 - 87.4
Beta Tocopherol	0.3	μmol/l	0.2 - 2.0
Gamma Tocopherol	1.44	μmol/l	1.65 - 10.14
Delta Tocopherol	0.20	μmol/l	0.05 - 0.84

= Outside reference range | = Extreme | * = for research only

Continued on page 2

Vital Health Diagnostics
M Attya Ph.D. (eng)

Page 2

Analysis report

Date of print: 3/11/2025 04:12 PM

Name : Doe
D.o.b. : 02/06/1984
Pat. No. : 105377
Institute : Vital Health Diagnostics
Depart. :
Initials : J.
Sex : Male
Applicant : M Attya Ph.D. (eng)



Applicant
Appoint. date
Appoint. time
Appoint. No.

VHD
3/11/25
02:19 PM
289550

Unit *Ref. Range*VITAMINS (MOL/L) (vervolg van pagina 1)

Total tocopherol	33.9	μmol/l	32.1 - 99.9
Alpha tocotrienol	33.10	nmol/l	29.90 - 520.00
Beta Tocotrienol	23.60	nmol/l	9.90 - 280.00
Gamma Tocotrienol	34.20	nmol/l	30.00 - 370.00
Delta Tocotrienol	18.00	nmol/l	20.20 - 441.00
Total tocotrienol	108.90	nmol/l	85.00 - 1614.00