



Prodia



Prodia Medical Laboratory
Jl. Ir Soekarno
Kediri, Tabanan, Bali

Contact Prodia : 1500830

Clinical Pathologist :
dr. I Nyoman Gde Sumardika, Sp.PK

Physician : dr Eka Budhi Pahyuni, Ni Wayan (P)
Address : Klinik Prodia Tabanan Jl Dr. Ir. Soekarno, Banjar Anyar, Kediri
Tabanan Kab.
Reg No./ Date : 2305270014 / 27-05-2023 Gender : Male
Customer ID : 0057-2305.00465 DOB / Age : 05-08-1990 / 32 Year 9 Month
Patient Name : Mr. Mikhail Shatrov Mobile Phone : 081337481923
Address : Jl. Arjuna Gg. Raja Seminyak Kuta
Badung Kab.
Result status :

Parameter	Result	Ref. Range	Unit	Note
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ENDOCRINOLOGY

TSHs #1	1.284	0.350 - 4.940	mU/L	Adult, > 18 years
Total T3 #1	1.46	0.89 - 2.44	nmol/L	Adults, > 20 years
Total T4 #1	89.32	62.7 - 151	nmol/L	Adults, > 20 years

MICRONUTRIENS AND HEAVY METAL

Vitamin D 25-OH Total #1	83.6	75 - 250	nmol/L	Method : CMIA Vitamin D Status : Deficiency : < 50 Insufficiency : 52.5 - 72.5 Sufficiency : 75 - 250 Toxicity : > 375 (Endocrine Society, 2018)
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Omega PROfile

Ratio :

Omega 6/Omega 3	8.5	3.4 - 10.7		GC-MS Method The Methods and performance of this tests have been validated by The Prodia Laboratory
AA/EPA	7 *	12 - 125		
Omega 3 Index	6.0	>=4.0		
Omega 3 Fatty Acids				
alpha-Linolenic Acid (ALA), C18:3 w3	16 *	50 - 130	umol/L	≥ 18 years
Eicosapentaenoic Acid (EPA), C20:5 w3	114 *	14 - 100	umol/L	≥ 18 years
Docosahexaenoic Acid (DHA), C22:6 w3	215	30 - 250	umol/L	≥ 18 years
Omega 3	345	200 - 500	umol/L	≥ 18 years
Omega 6 Fatty Acids				
Linoleic Acid, C18:2 w6	2,025 *	2,270 - 3,850	umol/L	≥ 18 years
gamma-Linolenic Acid (GLA), C18:3 w6	19	16 - 150	umol/L	≥ 18 years
Dihomo-gamma-linolenic Acid (DGLA), C20:3 w6	68	50 - 250	umol/L	≥ 18 years
Arachidonic Acid (AA), C20:4 w6	806	520 - 1,490	umol/L	≥ 18 years
Omega 6	2,918 *	3,000 - 5,400	umol/L	≥ 18 years



C/PST/00/058-02/0613
Hal : 1 / 2 @ 05-06-2023 18:58:40 by Ni Putu Erawati

Numerical result use dot as a decimal separator
* indicates value(s) not within reference range
The test was performed in Prodia Clinical Laboratory, Kramat Raya 150, Jakarta
Interpretation of test(s) result should be done only by doctors/clinicians
For your confidentiality, please do not share this report to social media and other publication



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Mobile Phone : 081337481923

Parameter	Result	Ref. Range	Unit	Note
Omega 9 Fatty Acids				
Oleic Acid, C18:1 w9	1,035	650 - 3,500	umol/L	≥ 18 years
Polyunsaturated	3,263	3,200 - 5,800	umol/L	≥ 18 years

Specimen collection time :
Blood - 27/05/2023 09:41

#1 : Test with this mark was referred to Prodia DENPASAR whose pathologist in charge is DR. Dr. Sianny Herawati, SpPK (K)

Authorized by,



Ni Putu Erawati

Quality Validator



C/PST/00/058-02/0613
Hal : 2 / 2 @ 05-06-2023 18:58:40 by Ni Putu Erawati

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Omega PROfile Result

Patient Name
Lab. Number
Age

Mikhail Shatrov
R2305270728S
32 years

Ref. Number
MAW-2305270014

Ratio	Result	Reference Range
Omega 6/Omega 3	8.5	3.4 - 10.7
AA/EPA	7	12.0 - 125.0
Omega 3 Index	6	≥ 4

Omega 3 Fatty Acids

Analyte	Result (umol/L)	Reference Range
alpha-Linolenic Acid (ALA) C18:3 w3	16	50 - 130
Eicosapentaenoic Acid (EPA) C20:5 w3	114	14 - 100
Docosahexaenoic Acid (DHA) C22:6 w3	215	30 - 250
Omega 3	345	200 - 500

Sources of Omega 3 Fatty Acids : Salmon, Mackerel, Tuna, Herring, Sardines, Flaxseed, Chia Seeds, Walnuts, Canola Oil, Avocado, and Fortified Foods such as Eggs, Yoghurt, Juices, Milk, Soy Beverages, and Infant Formulas

Omega 6 Fatty Acid

Analyte	Result (umol/L)	Reference Range
Linoleic Acid C18:2 w6	2025	2270 - 3850
gamma-Linolenic Acid (GLA) C18:3 w6	19	16 - 150
Dihomo-γ-Linolenic Acid (DGLA) C20:3 w6	68	50 - 250
Arachidonic Acid (AA) C20:4 w6	806	520 - 1490
Omega 6	2918	3000 - 5400

Sources of Omega 6 Fatty Acids : Flaxseed oil, Hempseed, Grapeseed Oil, Pumpkin Seeds, Sunflower Seeds, Pignolia Nuts, Pistachios, Corn Oil, Cottonseed Oil, Soybean Oil, Meat, and Dairy Products

Omega 9 Fatty Acid

Analyte	Result (umol/L)	Reference Range
Oleic Acid C18:1 w9	1035	650 - 3500

Sources of Omega 9 Fatty Acids : Olive Oil, Canola Oil, Olives, Avocados, Almonds, Peanuts, Pecans, Cashew, Hazelnuts, and Macadamia

Polyunsaturated	Result (umol/L)	Reference Range
	3263	3200 - 5800



Prodia

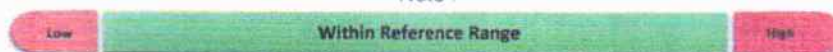


Patient Name
Lab. Number
Age

Mikhail Shatrov
R2305270728S
32 years

Ref. Number
MAW-2305270014

Note :



Authorized by :

Mass Spectrometry & Separation Sciences Laboratory Head

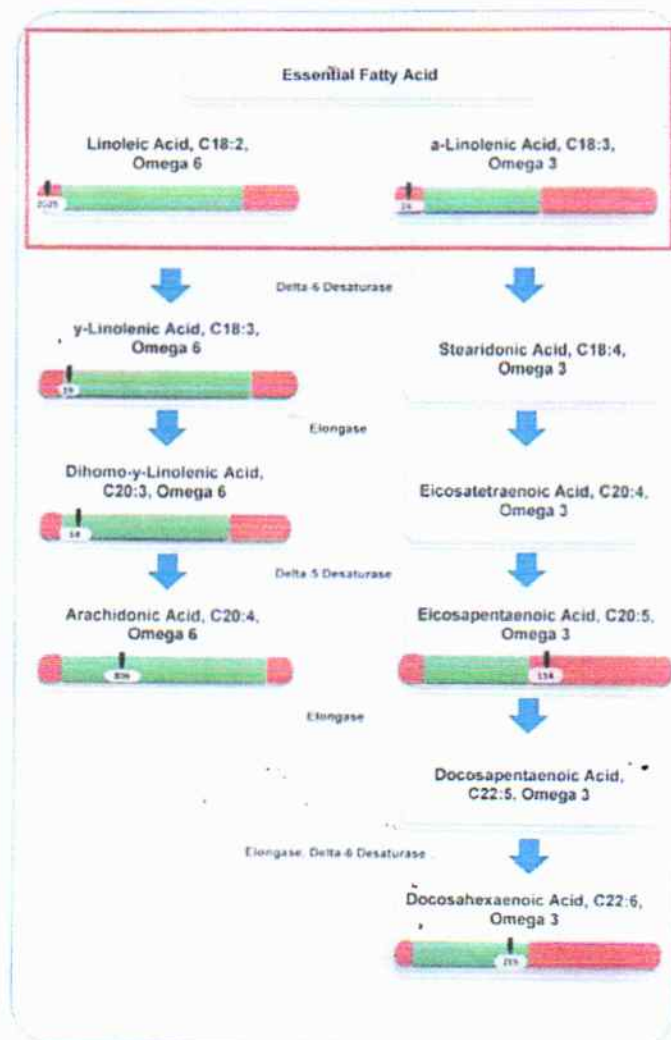
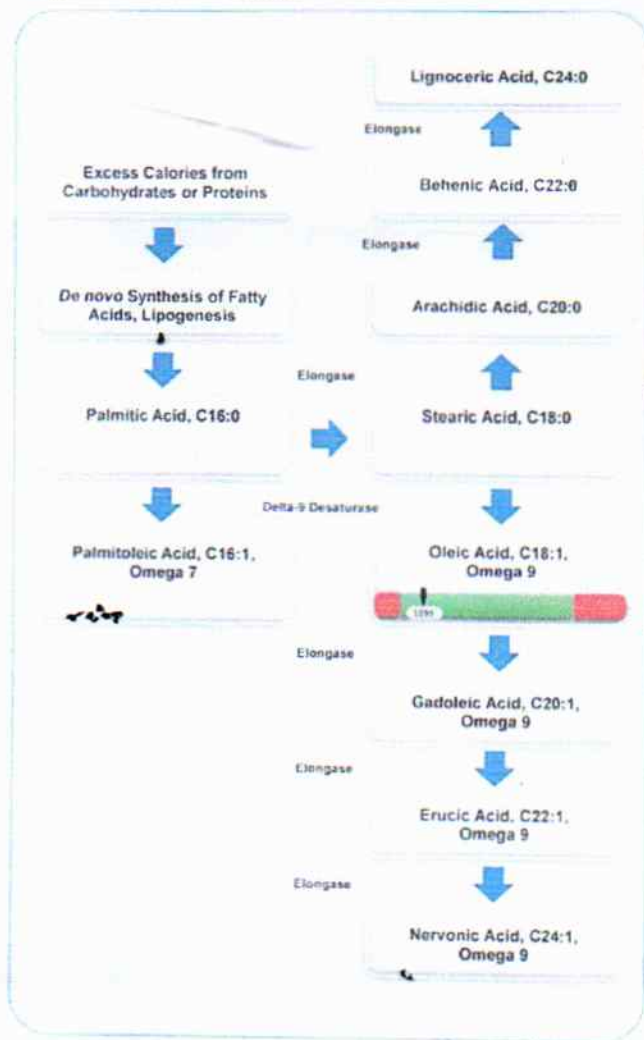


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Fatty Acid Metabolism

Patient Name: Mikhail Shatrov
Lab. Number/Date: R2305270728S
Age: 32 years



Vitamin and Mineral Cofactors:

Delta-6 Desaturase: Vitamin B2, Vitamin B3, Vitamin B6, Vitamin C, Inositol, Zn, Mg
Delta-5 Desaturase: Vitamin B2, Vitamin B3, Vitamin B6, Vitamin C, Inositol, Zn, Mg
Delta-9 Desaturase: Vitamin B2, Vitamin B3, Vitamin B6, Vitamin C, Inositol, Zn, Mg
Elongase: Vitamin B2, Vitamin B3, Vitamin B6, Vitamin C