



Requisition #:

Physician Name:

Patient Name:

Date of Collection:

Patient Age:

Time of Collection:

Sex:

Print Date:

## Comprehensive Fatty Acids Panel - Serum

Common Name	Lipid Name	Reference Range	Patient Result	Units	Low	Reference Range	High
<b>Omega-3 Polyunsaturated Series</b>							
1 alpha-Linolenic Acid (ALA)	C18:3 (n-3)	20 - 120	76	umol/L			
2 Eicosapentaenoic Acid (EPA)	C20:5 (n-3)	8 - 90	30	umol/L			
3 Docosapentaenoic Acid (DPA)	C22:5 (n-3)	30 - 270	35	umol/L			
4 Docosahexanoic Acid (DHA)	C22:6 (n-3)	30 - 160	119	umol/L			
<b>Omega-6 Polyunsaturated Series</b>							
5 Linoleic Acid (LA)	C18:2 (n-6)	1600 - 3500	3181	umol/L			
6 gamma-Linolenic Acid (GLA)	C18:3 (n-6)	9 - 130	32	umol/L			
7 dihomo-gamma-Linolenic Acid (DGLA)	C20:3 (n-6)	60 - 220	60	umol/L			
8 Arachidonic Acid (ARA)	C20:4 (n-6)	350 - 1030	648	umol/L			
9 Docosapentaenoic Acid (DPA)	C22:5 (n-6)	10 - 50	5	umol/L	L		
10 Docosatetraenoic Acid	C22:4 (n-6)	10 - 40	9	umol/L	L		

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<b>Omega-9 Polyunsaturated Series</b>								
11 Eicosatrienoic Acid (Mead)	C20:3 (n-9)	7 - 30	11	umol/L				
<b>Monounsaturated Series</b>								
12 Lauroleic Acid	C12:1	1.3 - 5.8	2.2	umol/L				
13 Myristoleic Acid	C14:1 (n-5)	1 - 31	10	umol/L				
14 Palmitoleic Acid	C16:1 (n-7)	100 - 670	91	umol/L	L			
15 Hexadecenoic Acid	C16:1 (n-9)	24 - 82	25	umol/L				
16 Vaccenic Acid	C18:1 (n-7)	320 - 900	152	umol/L	L			
17 Oleic Acid	C18:1 (n-9)	350 - 3500	1034	umol/L				
18 Nervonic Acid	C24:1 (n-9)	50 - 130	57	umol/L				






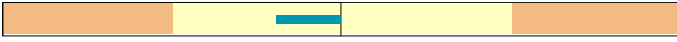
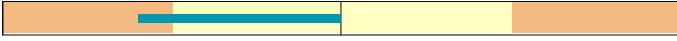
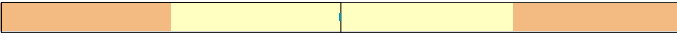




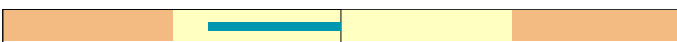
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<b>Saturated Fatty Acids</b>										
19	Caprylic Acid (Octanoic)	C8:0	9 - 41	12	umol/L					
20	Capric Acid (Decanoic)	C10:0	3 - 25	4	umol/L					
21	Lauric Acid	C12:0	5 - 80	20	umol/L					
22	Myristic Acid	C14:0	40 - 290	84	umol/L					
23	Palmitic Acid	C16:0	960 - 3460	1143	umol/L					
24	Stearic Acid	C18:0	280 - 1170	555	umol/L					
25	Arachidic Acid	C20:0	30 - 90	24	umol/L	L				
26	Docosanoic Acid (Behenic)	C22:0	0 - 96.3	47.6	umol/L					
27	Tetracosanoic Acid (Lignoceric)	C24:0	0 - 91.4	41.9	umol/L					
28	Hexacosanoic Acid	C26:0	0 - 1.3	0.41	umol/L					
<b>Branched-chain Fatty Acids</b>										
29	Pristanic Acid	C15:0 (CH[3])(4)	0 - 2.98	0.05	umol/L					
30	Phytanic Acid	C16:0 (CH[3])(4)	0 - 9.88	0.56	umol/L					
<b>Ratios</b>										
31	Triene-to-Tetraene Ratio		0.013 - 0.05	0.017	(no units)					

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<b>Summary</b>							
32	Total Saturated	1.4 - 4.9	1.9	mmol/L			
33	Total Monounsaturated	0.5 - 4.4	1.4	mmol/L			
34	Total Polyunsaturated	1.7 - 5.3	4.2	mmol/L			
35	Total Omega-3	0.1 - 0.5	0.3	mmol/L			
36	Total Omega-6	1.6 - 4.7	3.9	mmol/L			
37	Total Fatty Acids	4.4 - 14.3	7.5	mmol/L			