

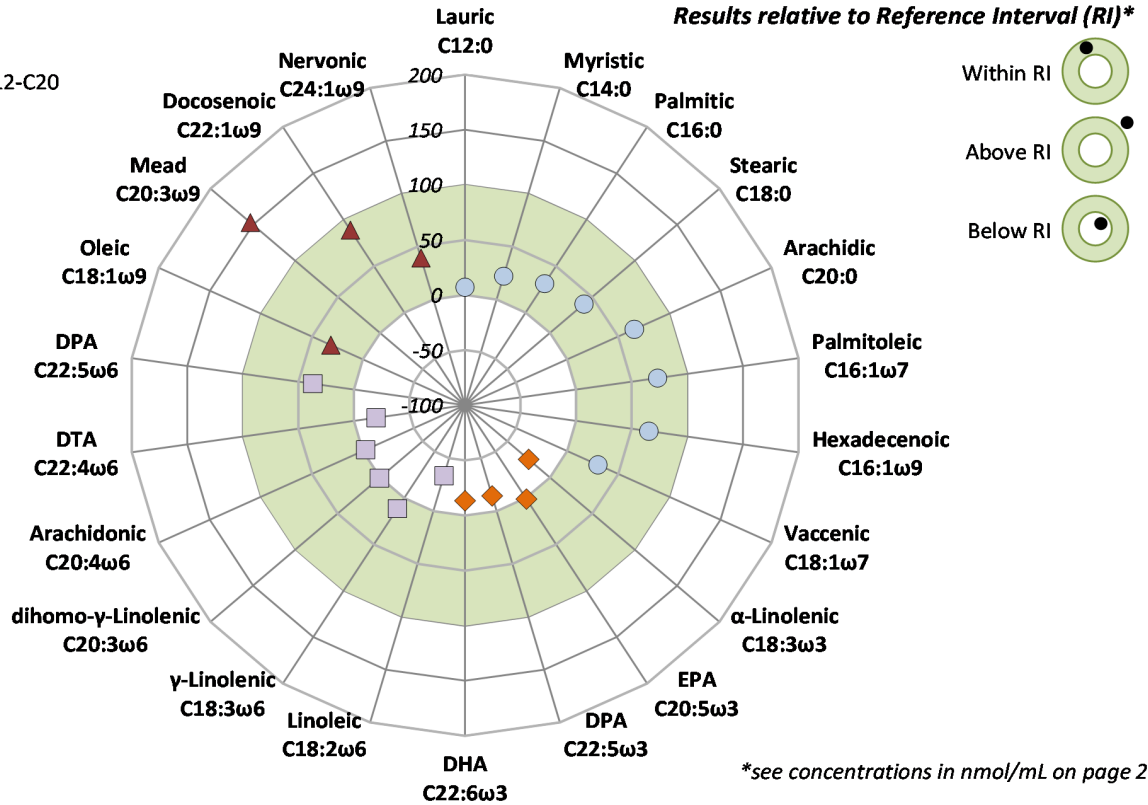
**Patient: ARUPTTEST, BCG FA PRO SP 4**  
 DOB: 01/07/2016 Age: 0 Gender: M  
**Patient Identifiers:** 468884  
**Visit Number (FIN):** 483320

Client: ARUP Physician Services  
 147 VOSVBP YPSI OMVIYXV  
 Syuv Uyho XbvK, NY 35703  
 Physician: QI VOSV

ARUP Test Code: 2013518  
 Collection Date: 06/17/2016  
 Received in lab: 06/17/2016  
 Completion Date: 07/12/2016

**Fatty Acids**

- Saturated and Monounsaturated, C12-C20
- ◆ Omega-3, C18-C22
- Omega-6, C18-C22
- ▲ Omega-9, C18-C24



	Ratio	Totals (mmol/L)			Omega-3	Omega-6	Fatty Acids
	Triene:Tetraene	Saturated	Monounsaturated	Polyunsaturated			
<b>Results</b>	<b>0.148 H</b>	2.8	2.4	<b>1.4 L</b>	<b>0.09 L</b>	<b>1.2 L</b>	6.5
<b>Ref Interval</b>	0.002-0.046	1.5-5.3	0.9-4.7	1.7-5.5	0.14-0.53	1.5-5.1	4.5-15.0

**Interpretation**

In this sample the concentrations of omega-3 and omega-6 fatty acids were markedly reduced with elevated Triene/Tetraene ratio. This pattern is highly suggestive of nutritional deficiency of essential fatty acids.



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 ARUP Accession: 16-169-900079  
 4070

# Fatty Acids Profile, Essential Serum or Plasma

Patient: ARUPTEST, BCG FA PRO SP 4 | Date of Birth: 01/07/2016 | Gender: M | Physician: QI VOSV  
Patient Identifiers: 468884 | Visit Number (FIN): 483320

## Patient Results

Fatty Acids	Values (nmol/mL)	Flag	Reference Interval
Arachidic Acid, C20:0	34		11-46
<b>Arachidonic acid, C20:4w6</b>	<b>331</b>	<b>L</b>	<b>340-1090</b>
<b>DHA, C22:6w3</b>	<b>65</b>	<b>L</b>	<b>75-350</b>
<b>DPA, C22:5w3</b>	<b>6</b>	<b>L</b>	<b>7-50</b>
DPA, C22:5w6	13		3-30
<b>DTA, C22:4w6</b>	<b>8</b>	<b>L</b>	<b>10-40</b>
Docosenoic Acid, C22:1	9		1-10
EPA, C20:5w3	6		5-90
Hexadecenoic Acid, C16:1w9	67		14-95
Lauric Acid, C12:0	29		4-360
<b>Linoleic Acid, C18:2w6</b>	<b>827</b>	<b>L</b>	<b>1240-3890</b>
<b>a-Linolenic Acid, C18:3w3</b>	<b>15</b>	<b>L</b>	<b>20-200</b>
h-g-Linolenic C20:3w6	32		30-240
g-Linolenic Acid, C18:3w6	12		7-50
<b>Mead Acid, C20:3w9</b>	<b>49</b>	<b>H</b>	<b>1-32</b>
Myristic Acid, C14:0	108		20-420
Nervonic Acid, C24:1w9	81		30-160
Oleic Acid, C18:1w9	1733		740-3900
Palmitic Acid, C16:0	1948		1090-3840
Palmitoleic Acid, C16:1w7	350		20-470
Stearic Acid, C18:0	669		280-1250
Vaccenic Acid, C18:1w7	130		65-280

## Compliance

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: [aruplab.com/CS](http://aruplab.com/CS)

## Disclaimer

This test does not screen for disorders of peroxisomal biogenesis/function.



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