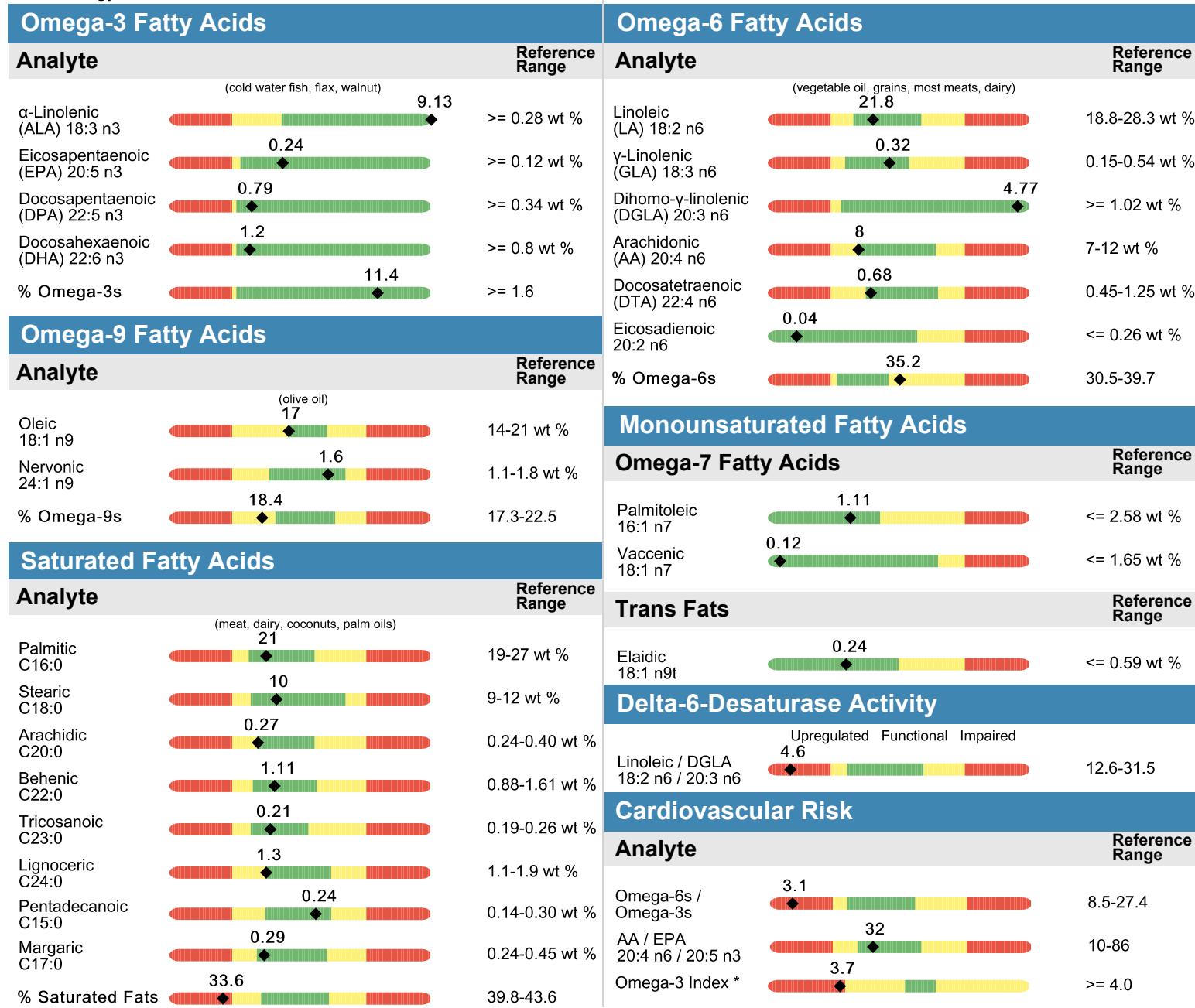




Patient:

3540 Essential & Metabolic Fatty Acids Bloodspot

Methodology: GCMS



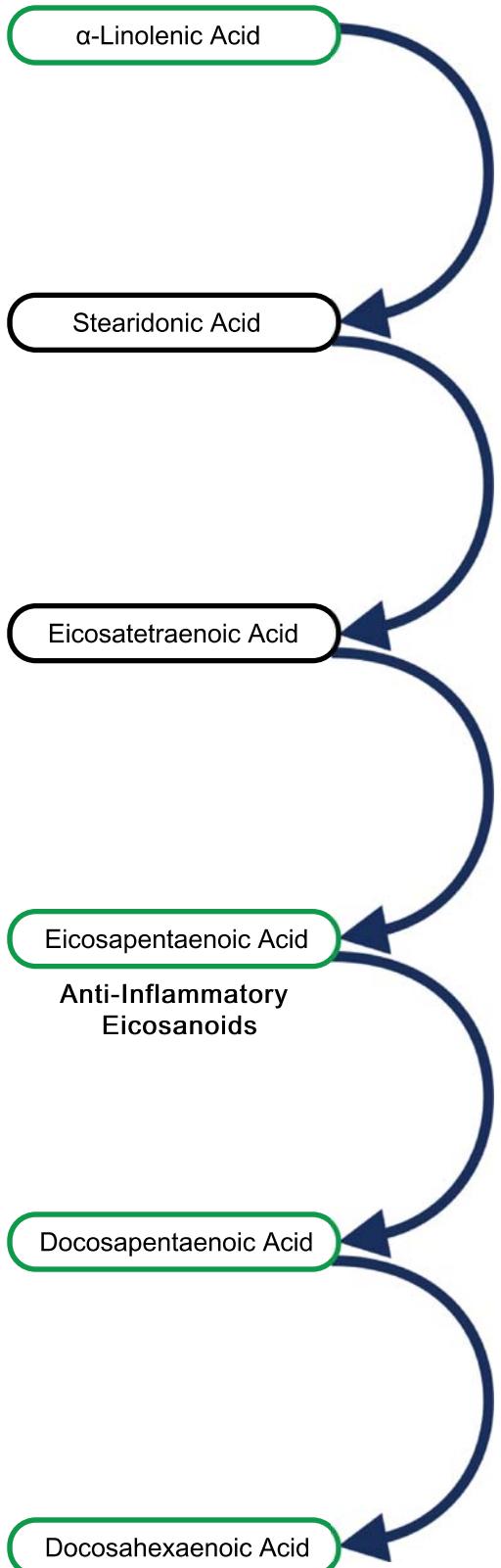
The Essential Fatty Acid reference ranges are based on an adult population.

* The patient results for the Omega 3 Index have been converted to red blood cell equivalence in order to maintain applicability to the literature-based reference ranges for this marker.

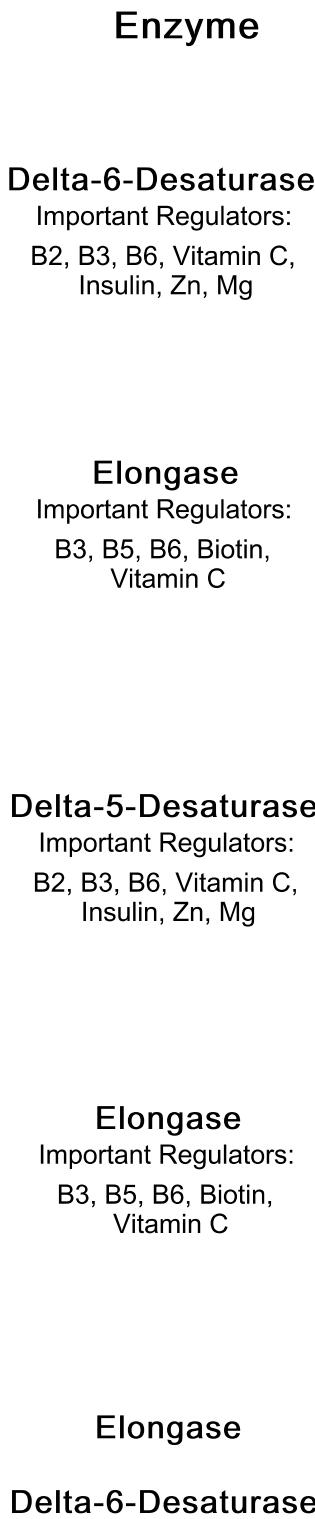


Fatty Acid Metabolism

Omega-3 Metabolism



Omega-6 Metabolism



Enzyme

Delta-6-Desaturase

Important Regulators:
B2, B3, B6, Vitamin C,
Insulin, Zn, Mg

Elongase

Important Regulators:
B3, B5, B6, Biotin,
Vitamin C

Delta-5-Desaturase

Important Regulators:
B2, B3, B6, Vitamin C,
Insulin, Zn, Mg

Elongase

Important Regulators:
B3, B5, B6, Biotin,
Vitamin C

Elongase

Delta-6-Desaturase

Anti-Inflammatory
Eicosanoids

Anti-Inflammatory
Series 1 Prostaglandins

Pro-Inflammatory
Eicosanoids

Docosatetraenoic Acid

Docosahexaenoic Acid



Commentary

For more information regarding Essential and Metabolic Fatty Acids clinical interpretation, please refer to the Fatty Acids Support Guide at <https://www.gdx.net/core/support-guides/fatty-acid-support-guide.pdf>

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.

The Reference Range is a statistical interval representing 95% or 2 Standard Deviations (2 S.D.) of the reference range population. One Standard Deviation (1 S.D.) is a statistical interval representing ~68% of the reference population. Values between 1 and 2 S.D. are not necessarily abnormal. Clinical Correlation is suggested.

