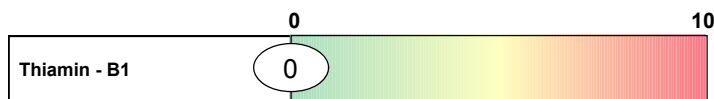


NutrEval Interpretation-at-a-Glance

Nutritional Needs

B-Vitamins



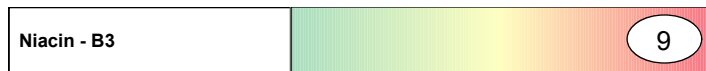
Alanine
 α-Amino-N-Butyric Acid
 α-Ketoadipic Acid
 α-Keto-β-Methylvaleric Acid

α-Ketoglutaric Acid
 α-Ketoisocaproic Acid
 α-Ketoisovaleric Acid
 Pyruvic Acid



3-Methyl-4-OH-phenylglycol
 Alanine
 α-Amino-N-Butyric Acid
 α-Ketoadipic Acid
 α-Keto-β-Methylvaleric Acid
 α-Ketoglutaric Acid
 α-Ketoisocaproic Acid
 α-Ketoisovaleric Acid
Glutaric Acid

Homovanillic Acid
Isocitric Acid
 Isoleucine
 Leucine
 Pyruvic Acid
 Succinic Acid
 Valine
 Vanilmandelic Acid



3-Methyl-4-OH-phenylglycol
 Alanine
 α-Amino-N-Butyric Acid
 α-Ketoadipic Acid
 α-Keto-β-Methylvaleric Acid
 α-Ketoglutaric Acid
 α-Ketoisocaproic Acid
 α-Ketoisovaleric Acid
Glutaric Acid

Homovanillic Acid
Isocitric Acid
 Isoleucine
 Leucine
Malic Acid
 Pyruvic Acid
 Succinic Acid
 Valine
 Vanilmandelic Acid



1-Methylhistidine
 3-Methylhistidine
 Cystathionine
Formiminoglutamic Acid
 Glycine

Histidine
Methionine
 Sarcosine
 Serine



Alanine
 α-Aminoadipic Acid
 α-Amino-N-Butyric Acid
 Aspartic Acid
 β-Alanine
 β-Aminoisobutyric Acid
 Cystathionine
 Glycine

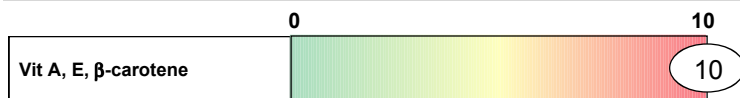
Isoleucine
 Kynurenic Acid
 Leucine
 Ornithine
 Serine
 Threonine
 Tyrosine
 Valine



3-Hydroxypropionic Acid
 α-Amino-N-Butyric Acid
 β-Aminoisobutyric Acid
 Cystathionine

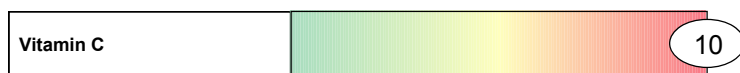
Formiminoglutamic Acid
 Glycine
Methionine
 Methylmalonic Acid

Anti-Oxidants



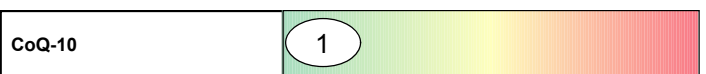
3-Methyl-4-OH-phenylglycol
 4-Hydroxyphenylpyruvic Acid
 8-OHdG
 Adipic Acid
 Alanine
 α-Amino-N-Butyric Acid
 Aserine
 β-Alanine
 β-OH-β-Methylglutaric Acid
 Carnosine
 Cis-Aconitic Acid
Citric Acid

Cystine/Cysteine
Glycine
 Homogentisic Acid
 Homovanillic Acid
 Isoleucine
 Leucine
Lipid Peroxides
Suberic Acid
 Taurine
Threonine
 Valine
 Vanilmandelic Acid



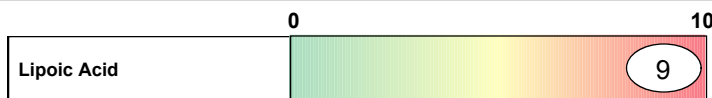
3-Methyl-4-OH-phenylglycol
 4-Hydroxyphenylpyruvic Acid
 8-OHdG
 Adipic Acid
 β-OH-β-Methylglutaric Acid
 Cis-Aconitic Acid
Citric Acid

Cystine/Cysteine
Glutathione
 Homogentisic Acid
 Homovanillic Acid
Suberic Acid
 Vanilmandelic Acid



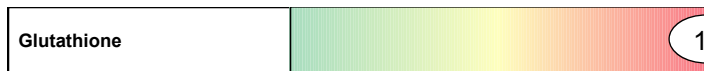
β-OH-β-Methylglutaric Acid
 CoQ10
 Lactic Acid

Malic Acid
 Succinic Acid



Alanine
 α-Amino-N-Butyric Acid
 α-Keto-β-Methylvaleric Acid
 α-Ketoisocaproic Acid
 α-Ketoisovaleric Acid
Glutathione

Isoleucine
 Leucine
Lipid Peroxides
 Pyroglutamic Acid
 Pyruvic Acid
 Valine



8-OHdG
 Cis-Aconitic Acid
Citric Acid

Glutathione
Lipid Peroxides
 Pyroglutamic Acid

Key

0-10 Graduated Scale recognizes relative need for nutrients/relative disease risk



Bio Marker 1
 Bio Marker 2

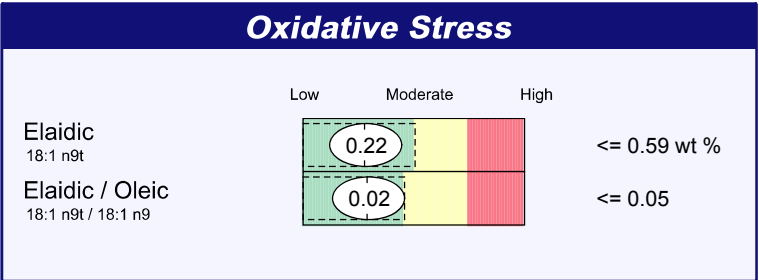
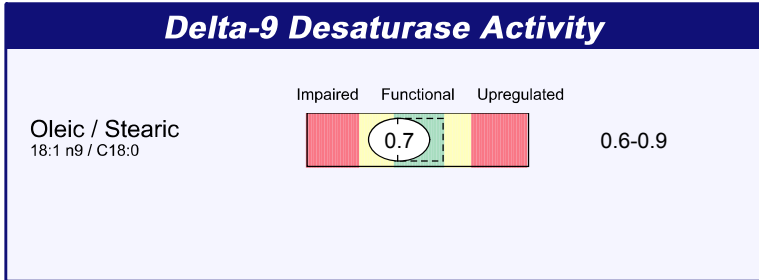
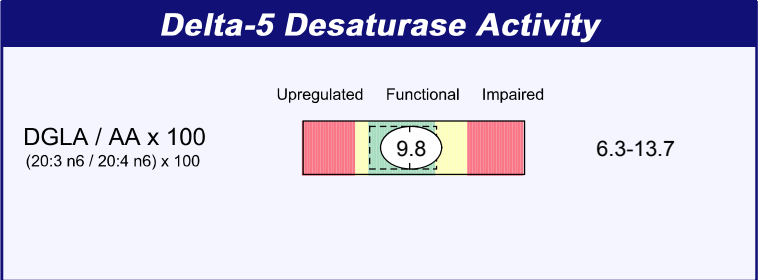
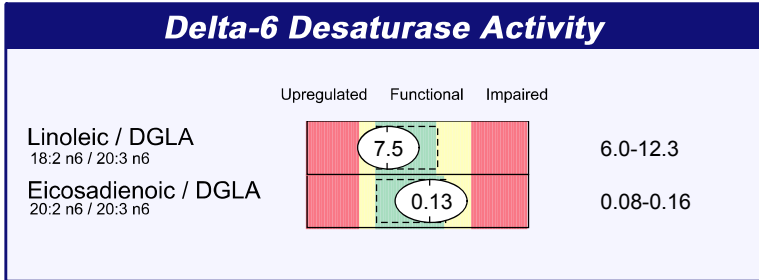
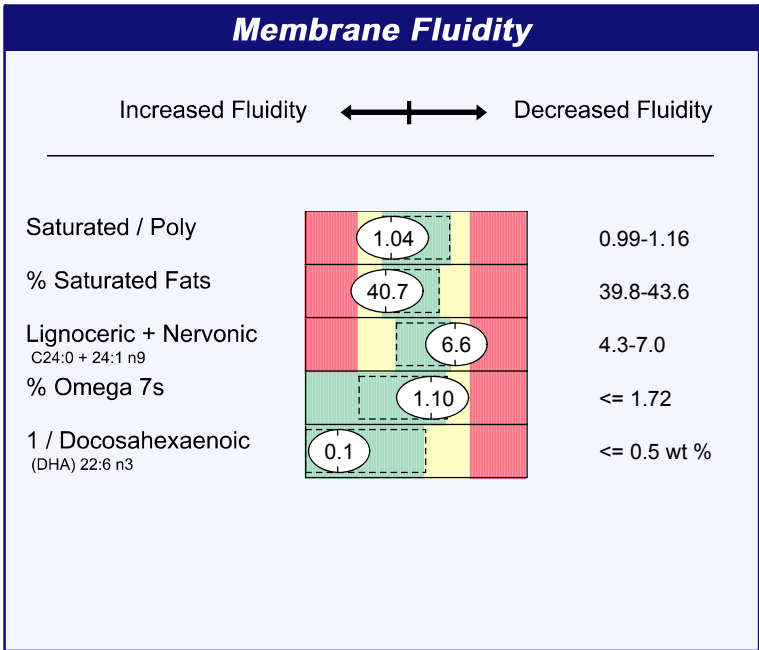
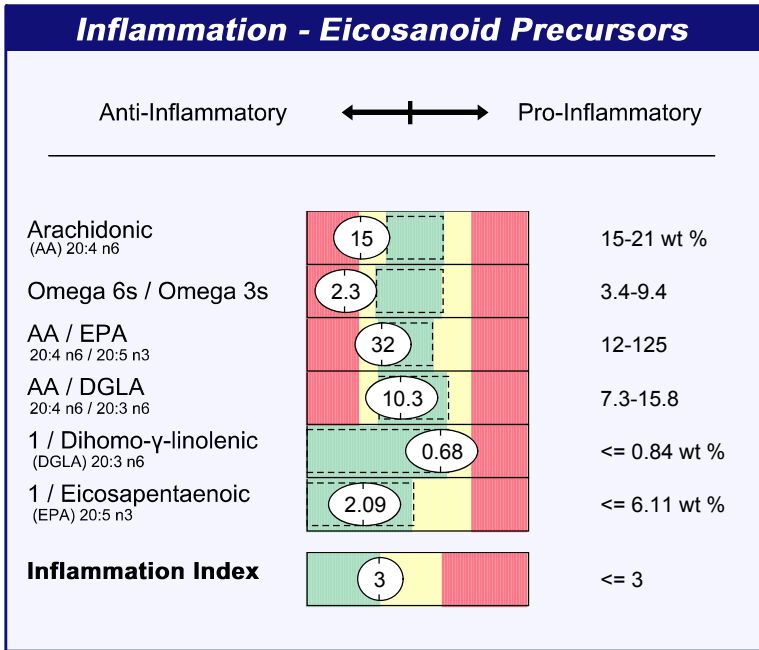
H

Bio Marker 3
Bio Marker 4

L

Contributing Bio Markers
 Red = Functional Imbalance

Interpretation-at-a-Glance
 Result



Elemental Markers (RBCs)

Toxic Elements		
Element	Reference Range	Reference Range
Lead	0.025	<= 0.048 mcg/g
Mercury	0.0050	<= 0.0039 mcg/g
Antimony	0.000	<= 0.002 mcg/g
Arsenic	0.020	<= 0.029 mcg/g
Cadmium	0.001	<= 0.001 mcg/g
Tin	0.0008	<= 0.0009 mcg/g

Nutrient Elements		
Element	Reference Range	Reference Range
Copper	0.656	0.509-0.776 mcg/g
Magnesium	46.1	30.1-56.5 mcg/g
Manganese	0.023	0.007-0.038 mcg/g
Potassium	2,894	2,220-3,626 mcg/g
Selenium	0.48	0.25-0.76 mcg/g
Zinc	9.3	7.8-13.1 mcg/g

The Reference Range is a statistical interval based upon those values between the 2.5th percentile and the 97.5th percentile of the reference population. The dotted box within the reference range depicts an optimal target interval. Values within the reference range but outside the dotted box are not necessarily abnormal. This representation has been established, based upon current medical literature, scientific analysis of reference range study data points and clinical experience. These Elemental reference ranges are based on an adult population.