

1/30/04
Requisition Number
[REDACTED]

800-227-5227
SpectraCell Laboratories, Inc. - Houston, TX
Laboratory Test Report

FIA™ Test Description	Test Result (% CONTROL)	Reference Range
<u>B Complex Vitamins</u>		
Vitamin B1 (Thiamin)	103.00	> 79 %
Vitamin B2 (Riboflavin)	80.00	> 54 %
Vitamin B3 (Niacinamide)	105.00	> 81 %
Vitamin B6 (Pyridoxine)	71.00	> 55 %
Vitamin B12 (Cobalamin)	27.00	> 15 %
Folate	48.00	> 33 %
Pantothenate	17.00	> 8 %
Biotin	103.00	> 70 %
<u>Amino Acids</u>		
Serine	42.00	> 31 %
Glutamine	82.00	> 75 %
Asparagine	91.00	< 122 %
<u>Metabolites</u>		
Choline	24.00	> 21 %
Inositol	65.00	> 59 %
Carnitine	78.00	< 109 %
<u>Fatty Acids</u>		
Oleic Acid	98.00	< 132 %
<u>Other Vitamins</u>		
Vitamin D (ergocalciferol)	15.00	< 21 %
<u>Carbohydrate Metabolism</u>		
Glucose-Insulin Interaction	100.00	< 120 %
Fructose Sensitivity	89.00	> 81 %
<u>Minerals</u>		
Calcium	101.00	< 130 %
Zinc	95.00	< 125 %
Magnesium	87.00	< 114 %
<u>Antioxidants</u>		
* Glutathione	109.00	> 85 %
Cysteine	109.00	< 127 %
Coenzyme Q-10	37.00	< 26 %
Selenium	49.00	< 51 %
Vitamin E (α-tocopherol)	22.00	< 31 %
Alpha Lipoic Acid	18.00	< 36 %
<u>Spectroscopy</u>		
Total Antioxidant Function	43.1	> 75 %

The reference ranges listed in the above table are valid for male and female patients 12 years of age or older.

* AFTER GBE