



Oxidative Stress 2.0 (Blood)



63 Zillicoa Street
Asheville, NC 28801
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Patient: **BENJAMIN GREENFIELD**
DOB: January 01, 1876
Sex: M
MRN: 1232692452

Order Number: J8090674
Completed: June 15, 2016
Received: June 09, 2016
Collected: June 08, 2016

True Health: Center for Functional Medicine
Brady Hurst DC
3300 Windyridge Parkway
Ste 403
Atlanta, GA 30339

Oxidative Stress

Protection

Reference Range

Glutathione	853	>= 669 micromol/L
Total Antioxidant Capacity (TAC)	0.71	>= 0.54 mmol/L
Cysteine	0.77	0.46-1.20 mg/dL
Sulphate	4.6	3.0-5.9 mg/dL
Cysteine/Sulphate	0.17	0.12-0.32
Cystine	2.48	1.60-3.20 mg/dL
Cysteine/Cystine Ratio	0.31	0.17-0.50

Enzymes

Reference Range

Glutathione Peroxidase	24.9	20.0-38.0 U/g Hb
Superoxide Dismutase	18,031	5,275-16,662 U/g Hb

Damage

Reference Range

Lipid Peroxides	5.7	<= 10.0 micromol/L
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Methodology: Colorimetric, Enzymatic, Turbidimetric and TBARS (Thiobarbituric acid reactive substances)

Lab Comments

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The performance characteristics of all assays have been verified by Genova Diagnostics, Inc. Unless otherwise noted with ♦, the assay has not been cleared by the U.S. Food and Drug Administration.

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. (See example below)

