



Patient: **SAMPLE PATIENT**

Age: 52  
Sex: F  
MRN:

**Order Number:**  
Completed: December 5, 2008  
Received: November 25, 2008  
Collected: November 25, 2008

Genova Diagnostics Europe  
Parkgate House, 356 West Barnes Lane  
New Malden, Surrey KT3 6NB  
Great Britain and Northern Ireland

## Oxidative Stress

### Protection

### Reference Range

Glutathione (GSH)	526	>= 669 micromol/L
Total Antioxidant Capacity (TAC)	0.52	>=0.54 mmol/L
Cysteine (Cys-SH)	0.81	0.61-1.16 mg/dL
Sulfate	3.5	3.0-5.9 mg/dL
Cysteine/Sulfate Ratio	0.23	0.12-0.32
Cystine (Cys-S-S-Cys)	1.99	1.60-3.22 mg/dL
Cysteine/Cystine Ratio	0.35	0.23-0.53

### Enzymes

### Reference Range

Glutathione Peroxidase (GPX)	24.2	20.0-38.0 U/g Hb
Superoxide Dismutase (SOD)	14,967	5,275-16,662 U/g Hb

### Damage

### Reference Range

Lipid Peroxides	16.7	<= 10.0 micromol/L
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