

Oxidative Stress (Urine)



**Genova
Diagnostics®**

Innovative Testing for Optimal Health

63 Zillico Street
Asheville, NC 28801
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Patient: **Sample Patient**

Order Number:

Completed:

Age: 38

Received:

Sex: M

Collected:

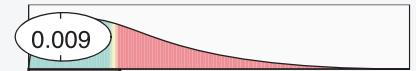
MRN:

Free Radical Markers

Salicylic Acid

Hydroxyl Radical

Catechol

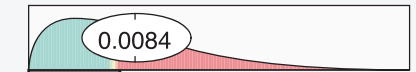


Ref Range
% Recovery

≤ 0.024

0.100

2,3 DHBA



Ref Range
% Recovery

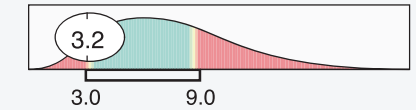
≤ 0.0072

0.0300

Lipids

Free Radicals

Urine Lipid
Peroxides
Ref Range
nmol/mg



This test has been developed and its performance characteristics determined by GSDL, Inc. It has not been cleared or approved by the U.S. Food and Drug Administration.

Commentary

2,3 DHB--a marker for hydroxyl radical activity--was found elevated. This may reflect excess free radical production, insufficient nutrient cofactors for SOD, excess iron or copper in the body, and/or inadequate antioxidants. Free radical damage is thought to underlie many pathological processes such as atherosclerosis, aging, chronic fatigue syndrome, cancer, cardiovascular disease, Parkinson's disease, and Alzheimer's. Maintaining optimal reserves of antioxidant nutrients can help to shift the balance away from oxidative stress.