



ARBOR ASSAYS
Interactive Assay Solutions™



Oxidative stress is an imbalance between reactive oxygen species (ROS) production and elimination by antioxidant defenses. ROS can damage critical cellular structural and functional biomarkers when left unchecked. Damage caused by oxidative stress has been implicated in various diseases, including Parkinson's Disease and Alzheimer's Disease.

Arbor Assays Advantages

- ✓ Kits are always in stock and ready to ship
- ✓ High quality reagents, manufactured in Ann Arbor, MI USA
- ✓ Consistent, rapid results
- ✓ Easy-to-follow protocols

DetectX® Oxidative Stress Assay Kits

Featured DetectX® Oxidative Stress Kits

K033 -H	Catalase Colorimetric Activity Kit
K033 -F	Catalase Fluorescent Activity Kit
K035 -H	Ceruloplasmin Colorimetric Activity Kit
K059 -H	DNA Damage ELISA Kit
K001 -F	Formaldehyde Fluorescent Detection Kit
K043 -H	FRAP™ (Ferric Reducing Antioxidant Power) Detection Kit
K006 -H	Glutathione (GSH) Colorimetric Detection Kit
K006 -F	Glutathione (GSH) Fluorescent Detection Kit
K009 -F	Glutathione Reductase (GR) Fluorescent Activity Kit
K008 -F	Glutathione S-Transferase (GST) Fluorescent Activity Kit
K013 -H	Hemoglobin Colorimetric Detection Kit
K013 -HX	Hemoglobin High Sensitivity Colorimetric Detection Kit
K034 -H	Hydrogen Peroxide (H ₂ O ₂) Colorimetric Detection Kit
K034 -F	Hydrogen Peroxide (H ₂ O ₂) Fluorescent Detection Kit
K060 -H	Myeloperoxidase (MPO) Human ELISA Kit
K023 -H	Nitric Oxide (NO) Colorimetric Detection Kit
K028 -H	Superoxide Dismutase (SOD) Activity Kit
K077 -H	TBARS/MDA Universal Colorimetric Detection Kit
K005 -F	Thiol Fluorescent Detection Kit

Glutathione (GSH) Detection Kit

- Measures GSH, GSSG, and total GSH
- 30-minute assay time
- Colorimetric and Fluorescent formats available

Superoxide Dismutase Activity Kit (SOD)

- Measures all SOD activity including Cu/Zn-SOD, Mn-SOD, and Fe-SOD
- 20-minute assay time
- Identical across species

Catalase Fluorescent Activity Kit

- 45-minute assay time
- Identical across species
- Colorimetric and Fluorescent formats available

