

# OxisResearch™

***“Dedicated to helping researchers understand the relevance of Oxidative and Nitrosative Stress on biological systems”***

Featuring a complete and easy to use line of assays, antibodies and enzymes for life science research. Our products offer novel solutions for every application.

Visit us online at  
[www.oxisresearch.com](http://www.oxisresearch.com)

Your complete resource for  
Products • Applications • Current Research

Use our interactive PRODUCT CITATIONS LIBRARY to quickly find valuable articles related directly to your model system.

6040 Cutter Circle • Suite 317  
Portland, OR 97217-3935 • USA

503.283.3911 • 800.547.3686 • Fax 503.283.4058  
[www.oxisresearch.com](http://www.oxisresearch.com) • [sales@oxisresearch.com](mailto:sales@oxisresearch.com)

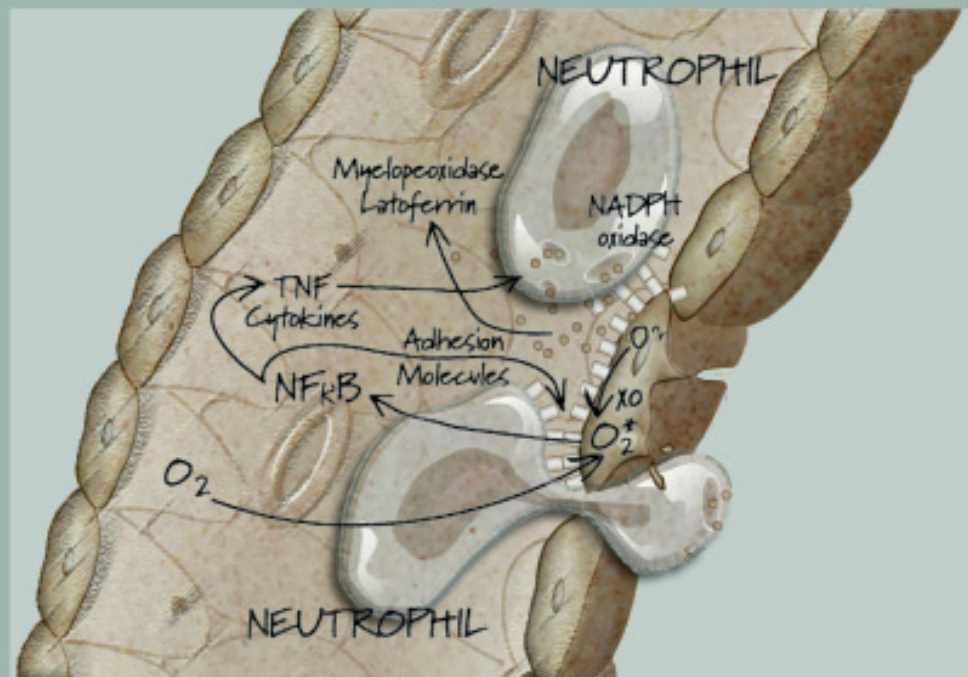


OXIS International produces other fine products in consumer antioxidant additives and animal health profiling. See [www.oxis.com](http://www.oxis.com) for more information.

263A0203

# OxisResearch™

...ADVANCING FREE RADICAL TECHNOLOGY



Your Complete Source for

## OXIDATIVE & NITROSATIVE STRESS ASSAY TEST KITS

PRODUCT OVERVIEW



# OXISResearch™ Product Overview

## BIOXYTECH® BIOMARKERS

### *Antioxidant*

21010	SOD-525 Assay
21011	GSH-400 Assay
21014	Plasma GPx-EIA Assay
21017	cGPx-340 Assay
21018	GR-340 Assay
21023	GSH-420 Assay
21040	GSH/GSSG-412 Assay
21042	Catalase-520 Assay
21045	G6PD <sub>1</sub> 6PGD-340 Assay
21046	GST-340 Assay
21052	AOP-490 Assay

### *Oxidative*

21012	LPO-586 Assay
21019	8-Isoprostane Assay
21024	H <sub>2</sub> O <sub>2</sub> -560 Assay
21025	LPO-560 Assay
21026	8-OHdG Assay
21041	Aconitase-340 Assay
21043	HAE-586 Assay
21044	MDA-586 Assay
21047	α <sub>1</sub> -AP-410 Assay
21048	Urinary 8-EPI-PGF <sub>2α</sub> Assay
21049	F <sub>2</sub> -Isoprostane Metabolite Assay

### *Inflammatory*

21013	MPO-EIA Assay
21015	Lactof-EIA Assay

### *Cell Signalling*

21050	NFκB Chemiluminescent Assay
-------	-----------------------------

### *Nitrosative*

21055	Nitrotyrosine -EIA Assay
22110	Nitric Oxide Assay (enzymatic)
22111	Nitric Oxide Assay (non-enzymatic)
22112	Nitric Oxide Synthase Assay (radioactive arginine)
22113	Nitric Oxide Synthase Assay (colorimetric)
22116	NO-540 Assay

## ANTIOXIDANTS

26511	L-ergothioneine (100 mg)
26524	L-ergothioneine (250 mg)

## CONTROLS

27617	Cellular Glutathione Peroxidase Control
27618	Glutathione Reductase Control
27619	Cu/Zn SOD Control
27622	Catalase Control (Aspergillus Niger)

## ANTIBODIES

24310	Mouse anti Human Myeloperoxidase, (monoclonal)
24311	Mouse anti Human Lactoferrin, (monoclonal)
24312	Sheep anti Human Nitrotyrosine
24316	Rabbit anti Human Catalase
24317	Rabbit anti Human P450 2E1
24318	Rabbit anti Human P450 3A4
24319	Rabbit anti Human GST A1-1, (polyclonal)
24320	Rabbit anti Human GST M1-1, (polyclonal)
24321	Rabbit anti Human GST P1-1, (polyclonal)
24322	Sheep anti Human Cu/Zn SOD, Erythrocyte
24323	Anti-MnSOD
24325	Anti-4-HNE (100 μg)
24326	Anti-8-OHdG (100 μg)
24327	Anti-4-HNE (20 μg)
24328	Anti-8-OHdG (20 μg)
25310	Anti-eNOS
25311	Anti-iNOS
25312	Anti-bNOS

## ENZYMES

25447	Bovine Cu/Zn Superoxide Dismutase (bSOD) (25mg)
25414	Bovine Cu/Zn Superoxide Dismutase (bSOD) (250mg)
25415	Bovine Cu/Zn Superoxide Dismutase (bSOD) (500mg)
25416	Bovine Cu/Zn Superoxide Dismutase (bSOD) (1g)
25430	Catalase, Aspergillus niger
25431	Catalase, Bovine Liver
25432	Catalase, Human Erythrocyte
25433	Glutathione Reductase, Yeast
25434	GST A1-1, Human, Recombinant, E.coli
25435	GST M1-1, Human, Recombinant, E.coli
25436	GST P1-1, Human, Recombinant, E.coli
25437	Myeloperoxidase, Human Polymorphonuclear Leukocytes
27510	Recombinant Rat bNOS
27511	Recombinant Rat Neuronal cNOS
27512	Recombinant Rat Neuronal cNOS (High Purity)
27513	Mouse Macrophage iNOS

## MARKERS

26595	4-Hydroxy-non-enal-diethylacetal (50mg)
26515	4-Hydroxy-non-enal-diethylacetal (100mg)
26516	4-Hydroxy-non-enal-diethylacetal (1g)
26594	4-Hydroxy-hex-2-enal-diethylacetal (50mg)
26518	4-Hydroxy-hex-2-enal-diethylacetal (100mg)
26519	4-Hydroxy-hex-2-enal-diethylacetal (1g)
26525	8-Hydroxyguanosine
26571	8-Hydroxy-2'-deoxyguanosine
26526	4-Hydroxynonenal
26527	3-Nitro-L-Tyrosine

## SPECIALTY

26510	DMNQ
26513	1-Methyl-4-vinyl-pyridium Trifluoromethane Sulfonate