

# Oxidative Stress 2

**Assays**

**Antibodies**

**Enzymes**



AMS Biotechnology Ltd  
UK & Rest of World  
638 Milton Park,  
OX14 4RX Abingdon, Oxon  
Tel: +44 (0) 1235 828 200  
Fax: +44 (0) 1235 820 482

AMS Biotechnology Ltd  
Switzerland  
Centro Nord-Sud 2E  
CH-6934 Bioggio-Lugano.  
Tel: +41 (0) 91 604 55 22  
Fax: +41 (0) 91 605 17 85

AMS Biotechnology Ltd  
Deutschland  
Tel: +49 (0) 69 779099  
Fax: +49 (0) 69 13376880

# Assays

Cat. No.	Product Description	Tests	GB£	Euro	CHF
<b>DNA</b>					
NWK-8OHDG01	NWLSS™ Urinary <b>8-Hydroxydeoxyguanosine</b> ELISA	96 reactions	895	1145	1565
NWK-8OHDG02	NWLSS™ High Sensitivity <b>8-OHdG</b> ELISA for use with tissue, cell and plasma DNA extracts	96 tests	895	1145	1565
4370-096-K	Trevigen <b>8-oxo-dG</b> Elisa Kit	96 samples	698	890	1219
4130-100-FK	Trevigen <b>hoGG1 FLARE</b> Kit	75 samples	310	402	595
4130-100-FM	Trevigen <b>hoGG1 FLARE</b> Module	100 samples	310	402	595
<b>Oxidized Protein</b>					
NWK-NTR01	NWLSS™ <b>Nitrotyrosine</b> ELISA	192 tests	895	1145	1565
NWK-PCK01	Biocell™ <b>Protein Carbonyl</b> ELISA	96 reactions	575	725	995
<b>Oxidized Lipid</b>					
NWK-MDA01	NWLSS™ <b>Malondialdehyde</b> Assay	200 tests	345	435	595
NWK-ISO01	NWLSS™ <b>Plasma &amp; Tissue 8-Isoprostane</b>	96 reactions	495	635	865
NWK-ISO02	NWLSS™ Urinary <b>8-Isoprostane</b> ELISA	96 reactions	495	635	865
NWK-LHP01	NWLSS™ <b>Lipid Hydroperoxide</b> Assay	100 reactions	345	435	595
NWK-HEXL01	NWLSS™ <b>Hexanoyl/Lysine</b> ELISA	96 reactions	725	915	1255
NWK-OXLDL01	Mercodia™ <b>Oxidized Low Density Lipoprotein</b> Sandwich ELISA	96 reactions	935	1185	1625
NWK-OXLDL02	Mercodia™ <b>Oxidized Low Density Lipoprotein</b> Competitive ELISA	96 reactions	935	1185	1625
<b>Endogenous Antioxidant</b>					
NWK-SOD01	NWLSS™ <b>Hu-Cu/Zn Superoxide Dismutase</b> ELISA	96 reactions	705	905	1235
NWK-SOD02	NWLSS™ <b>Superoxide Dismutase</b> Activity Assay	30 or 96 tests	495	625	855
7500-100-K	Trevigen <b>SOD</b> Assay Kit	100 reactions	437	567	840
7501-500-K	HT <b>Superoxide Dismutase</b> Assay Kit	480 tests	464	603	892
NWK-GSH01	NWLSS™ <b>Total Glutathione</b> Assay	192 reactions	345	435	595
NWK-GPX01	NWLSS™ <b>Glutathione Peroxidase Activity</b> Assay	192 reactions	345	435	595
NWK-GR01	NWLSS™ <b>Glutathione Reductase Activity</b> (microplate) Assay	192 reactions	305	385	525
7510-100-K	Trevigen <b>Glutathione Reductase</b> Assay	100 reactions	396	514	761
7511-100-K	Trevigen <b>HT Glutathione</b> Assay Kit	384 tests	287	372	551
7512-100-K	Trevigen <b>HT Glutathione Peroxidase</b> Assay Kit	480 tests	405	526	778
7513-500-K	Trevigen <b>HT Glutathione Reductase</b> Assay Kit	480 tests	455	591	874
Z5030030	BioChain <b>Glutathione</b> Assay Kit	250 tests	345	445	605
NWK-CAT01	NWLSS™ <b>Catalase Activity</b> Assay (UV Method)	96 reactions	405	515	705
NWK-CAT02	NWLSS™ <b>Catalase Activity</b> Assay (Colorimetric Method)	96 reactions	505	645	875
<b>General Antioxidant</b>					
NWK-ARC01	NWLSS™ <b>Antioxidant Reductive Capacity</b> Assay	96 reactions	715	905	1235
NWK-TAC01	NWLSS™ <b>TAC-Peroxy</b> Assay ( <b>Total Antioxidant Capacity against Peroxyl Radicals</b> )	100 reactions	635	815	1115
<b>Inflammatory</b>					
NWK-HYP01	NWLSS™ <b>Hydrogen Peroxide</b> Assay	192 reactions	305	385	525
NWK-MPO02	NWLSS™ <b>Human Myeloperoxidase</b> ELISA	192 reactions	965	1235	1685
NWK-MPO03	NWLSS™ <b>Myeloperoxidase Activity</b> Assay for all species	96 reactions	595	755	1025
<b>Other</b>					
K252-200	BioVision <b>Nitric Oxide Fluorimetric</b> Assay Kit	2 x 96 assays	315	405	555
K262-200	BioVision <b>Nitric Oxide Colorimetric</b> Assay Kit	2 x 96 assays	315	405	555
Z5030031	BioChain <b>Nitric Oxide</b> Assay Kit	250 assays	345	445	605
2500-096-K	Trevigen <b>HT Cyclic AMP</b>	96 samples	328	425	630
2501-096-K	Trevigen <b>HT Direct Cyclic AMP</b>	96 samples	346	449	665

# Antibodies

Cat. No.	Product Description	Tests	GB£	Euro	CHF
<b>Oxidative DNA Adduct Biomarkers</b>					
4354-MC-050	Trevigen <b>Anti-8-oxo-dG</b> Monoclonal Antibody (Clone 2E2)	50 µl	378	490	726
NWA-MOG020	NWLSS™ <b>Anti 8-OHDG</b> Monoclonal Ab (clone N45.1)	20 µg	455	575	785
NWA-MOG100	NWLSS™ <b>Anti 8-OHDG</b> Monoclonal Ab (clone N45.1)	100 µg	1065	1355	1855
NWA-8OHDG	NWLSS™ <b>Anti 8-OHDG</b> Monoclonal Ab (clone 15A3)	100 µg	505	645	875
<b>Oxidized Protein Biomarkers</b>					
NWA-DBY020	NWLSS™ <b>Anti Di Bromo Tyrosine</b> Monoclonal (clone 3A5)	20 µg	435	545	755
NWA-DIY020	NWLSS™ <b>Anti Di Tyrosine (DT)</b> Monoclonal Ab (clone 1C3)	20 µg	435	545	755
<b>Lipid Peroxidation Biomarkers</b>					
NWA-ACR030	NWLSS™ <b>Anti Acrolein/Lysine</b> Monoclonal Ab (clone F56)	30 µg	505	645	875
NWA-CRA030	NWLSS™ <b>Anti Crotonaldehyde</b> Monoclonal Ab	30 µg	825	615	845
NWA-HEL020	NWLSS™ <b>Anti Hexanoyl/Lysine</b> Monoclonal Ab (clone 5H4)	20 µg	375	485	655
NWA-HNE020	NWLSS™ <b>Anti HNE</b> Monoclonal Ab (clone HNEJ-2)	20 µg	375	485	655
NWA-HNE100	NWLSS™ <b>Anti HNE</b> Monoclonal Ab (clone HNEJ-2)	100 µg	805	1025	1405
NWA-KCH020	NWLSS™ <b>Anti Ketocholesterol (7-KC)</b> Monoclonal (clone 35A)	20 µg	645	825	1125
NWA-MDA030	NWLSS™ <b>Anti MDA</b> Monoclonal (clone 1F83)	30 µg	645	825	1125
NWA-MGL030	NWLSS™ <b>Anti Methylglyoxal</b> Monoclonal Ab (clone 3C)	30 µg	645	825	1125

# Enzymes

Cat. No.	Product Description	Tests	GB£	Euro	CHF
4130-100-EB	Trevigen <b>hoGG1</b> Enzyme & Buffer	100 Units	260	337	499
4130-500-EB	Trevigen <b>hoGG1</b> Enzyme & Buffer	500 samples	659	839	1150
7510-100-01	Trevigen <b>Glutathione Reductase</b>	500 µl	55	71	105
7511-100-01	Trevigen <b>Glutathione Reductase</b>	80 µl	55	71	105
7512-100-01	Trevigen <b>Glutathione Peroxidase</b>	800 µl	37	48	70
7512-100-04	Trevigen <b>Glutathione Reductase</b>	1.1 ml	55	71	105

# Other Reagents and Components

Cat. No.	Product Description	Tests	GB£	Euro	CHF
<b>Oligos</b>					
3850-100-01	8-oxo-dG Oligonucleotide	100 pmol	137	178	263
3850-100-OL	8-oxo-dG Oligo and Complement A	100 pmol each	160	207	306
<b>Solutions</b>					
7500-100-03	Xanthine Solution	1.5 ml	87	113	167
7500-100-04	NBT Solution	6.0 ml	123	160	236
7500-100-05	XOD Solution	2.0 ml	287	372	551
7500-100-06	20X Cell Lysis Solution	12.0 ml	64	83	123
7510-100-04	GSSG Solution	10 ml	55	71	105
<b>Standards</b>					
7500-100-01	SOD (1unit/µl)	200 µl	137	178	263
7511-100-03	Glutathione Standard	20 nmoles	28	40	65

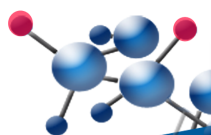
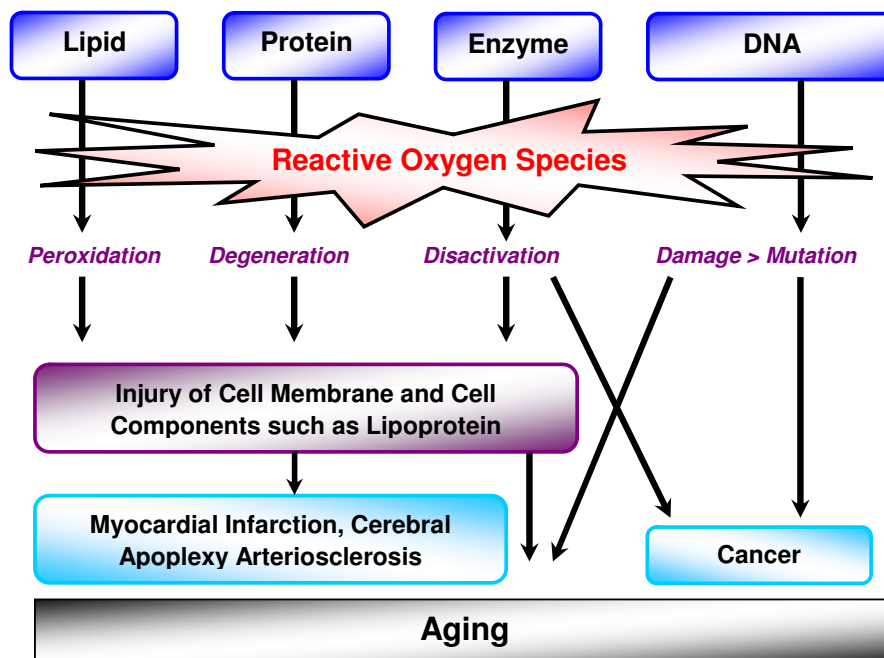
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# Other Reagents and Components cont.

Cat. No.	Product Description	Tests	GB£	Euro	CHF
<b>Buffers</b>					
7500-100-02	25X SOD Reaction Buffer	12 ml	64	83	123
7510-100-02	25X Glutathione Reductase Reaction Buffer	20 ml	32	42	65
7510-100-05	25X Sample Dilution Buffer	20 ml	32	42	65
7510-100-06	25X Tissue Homogenization Buffer	40 ml	32	42	65
7511-100-02	25X Assay Buffer	12 ml	28	40	65
7512-100-02	10X Assay Buffer	20 ml	37	48	70
<b>Other Reagents</b>					
7510-100-03	NADPH	10 x 9.2mg	260	337	499
7512-100-03	GSH+NADPH	10 vials	305	396	586
7511-100-04	Reaction Mix	8 bottles	178	231	341
7512-100-05	Cumene Hydroperoxide	12 ml	37	48	70
<b>Component Plates</b>					
7512-100-06	96-well plates	5 plates	55	71	105
7511-100-05	96-well plates	8 plates	32	42	65

Jan '09

## Cell and Tissue Damage by Reactive Oxygen Species



AMS Biotechnology Ltd  
UK & Rest of World  
63B Milton Park,  
OX14 4RX Abingdon, Oxon  
Tel: +44 (0) 1235 828 200  
Fax: +44 (0) 1235 820 482

AMS Biotechnology Ltd  
Switzerland  
Centro Nord-Sud 2E  
CH-6934 Bioggio-Lugano.  
Tel: +41 (0) 91 604 55 22  
Fax: +41 (0) 91 605 17 85

AMS Biotechnology Ltd  
Deutschland  
Tel: +49 (0) 69 779099  
Fax: +49 (0) 69 13376880

**amsbio.com**  
info@amsbio.com