

Cell Damage & Oxidative Stress Assays

Oxidative stress is often defined as an imbalance of pro-oxidants and antioxidants. Oxidative stress and the associated damage to cellular lipids, proteins and DNA can contribute to a decline in cellular function, leading to a number of human pathologies. BioVision offers various convenient kits for analyzing transcriptional regulation, DNA damage, oxidative stress, energy transforming and redox state, and more are coming on the pipeline

Assay Kits

Product Name	Cat. No.	Size
6-Phosphogluconate Dehydrogenase Activity Colorimetric Assay Kit	K540	100 assays
Ascorbic Acid Assay Kit	K661	100 assays
Ascorbic Acid Assay Kit II (FRASC)	K671	100 assays
Cardiolipin Assay Kit (Fluorometric)	K944	100 assays
Catalase Assay Kit	K773	100 assays
Crystal Violet Cell Cytotoxicity Assay Kit	K329	1000 assays
Cystathionine β Synthase Activity Assay Kit (Fluorometric)	K998	100 assays
Cystathionine β Synthase Inhibitor Screening Kit (Fluorometric)	K695	100 assays
DNA Damage Quantification Kit	K253	25 assays
Ethanol Assay Kit	K620	100 assays
Gamma Glutamyl Transferase (GGT) Activity Colorimetric Assay Kit	K784	100 assays
Gamma Glutamyl Transferase (GGT) Activity Fluorometric Assay Kit	K785	100 assays
Glutamate Colorimetric Assay Kit	K629	100 assays
Glutathione (GSH/GSSG/Total) Assay Kit	K264	100 assays
Glutathione Colorimetric Detection Kit	K261	100 assays
Glutathione fluorometric Detection Kit	K251	100 assays
GST Fluorometric Assay Kit	K260	100 assays
HAT (H4) Activity Fluorometric Assay Kit	K336	100 assays
HAT Activity Assay Kit	K332	100 assays
HAT Activity Fluorometric Assay Kit	K334	100 assays
HDAC Colorimetric Assay Kit	K331	100 assays
HDAC Fluorometric Assay Kit	K330	100 assays
HDAC Inhibitor Drug Screening Kit	K340	100 assays
HDAC3 Activity Assay Kit	K343	100 assays
HDAC3 Inhibitor Screening Kit	K363	100 assays
HDAC8 Activity Assay Kit	K348	100 assays
HDAC8 Inhibitor Screening Kit	K368	100 assays
Hydrogen Peroxide Assay Kit	K265	200 assays
Inosine Assay Kit	K712	100 assays
InSitu HDAC Activity Fluorometric Assay Kit	K339	100 assays
Intracellular Hydrogen Peroxide Detection Kit (cell-based)	K204	200 assays

155 S. Milipitas Blvd, Milipitas, CA 95035

T: 408-493-1800 F: 408-493-1801

Toll Free: 800-891-9699 (US Only)



Assay Kits

Product Name	Cat. No.	Size
EZCell™ Intracellular Nitric Oxide Synthase (NOS) Detection Kit	K207	100 assays
LDH-Cytotoxicity Colorimetric Assay Kit	K311	400 assays
LDH-Cytotoxicity Colorimetric Assay Kit II	K313	500 assays
Lipid Peroxidation (MDA) Assay Kit	K739	100 assays
Malate Colorimetric Assay Kit	K637	100 assays
Myeloperoxidase (MPO) Colorimetric Activity Assay Kit	K744	100 assays
Myeloperoxidase (MPO) Fluorometric Activity Assay Kit	K745	100 assays
Myeloperoxidase (MPO) Inhibitor Screening Kit (Fluorometric)	K746	200 assays
NAD/NADH Quantitation Kit	K337	100 assays
EZScreen™ NAD ⁺ /NADH Colorimetric Assay Kit (384-well)	K958	400 assays
NADP/NADPH Quantitation Kit	K347	100 assays
Neutral Red Cell Cytotoxicity Assay Kit	K447	1000 assays
Nitric Oxide Cell-Based HTS Assay Kit	K979	100 assays
Nitric Oxide Colorimetric Assay Kit	K262	200 assays
Nitric Oxide Fluorometric Assay Kit	K252	200 assays
Nitric Oxide Synthase (NOS) Activity Assay Kit (Colorimetric)	K205	100 assays
Nitric Oxide Synthase (NOS) Activity Assay Kit (Fluorometric)	K206	100 assays
Nitric Oxide Synthase (NOS) Inhibitor Screening Kit (Fluorometric)	K208	100 assays
Paraoxonase 1 (PON1) Activity Assay Kit (Fluorometric)	K999	100 assays
Peroxidase Activity Colorimetric/Fluorometric Assay Kit	K772	100 assays
Phospho-p38 MAPK (Thr180+Tyr182) Translocation Assay Kit (Cell-Based)	K965	100 assays
Proteasome Activity Fluorometric Assay Kit	K245	100 assays
Protein Disulfide Isomerases (PDI) Inhibitor Screening Kit (Fluorometric)	K840	100 assays
SIRT2 Inhibitor Screening Assay Kit (Fluorometric)	K322	100 assays
SOD Activity Assay Kit	K335	100 assays
Sulforhodamine B Cell Cytotoxicity Assay Kit (Colorimetric)	K943	1000 assays
Thioredoxin Reductase Assay Kit	K763	100 assays
Total Antioxidant Capacity (TAC) Assay Kit	K274	100 assays
Uric Acid Assay Kit	K608	100 assays
Xanthine Oxidase Activity Assay Kit	K710	100 assays

ELISA Kits

Product Name	Cat. No.	Size
Aflatoxin B1 (AFB1) ELISA Kit	K4208	100 assays
AMPK (Human) ELISA Kit	E4280	100 assays
Fluoroquinolones ELISA Kit	K4205	100 assays
Gentamicin ELISA Kit	K4206	100 assays
Glutathione peroxidase 1 (Human) ELISA Kit	K4225	100 assays
HIF-1 alpha (Human) ELISA Kit	E4285	100 assays
Kanamycin ELISA Kit	K4210	100 assays
MGMT (Human) ELISA Kit	K4196	100 assays
p53 (human) ELISA Kit	K4829	100 assays

ELISA Kits

Product Name	Cat. No.	Size
PARP1 (Human) ELISA Kit	K4218	100 assays
Salbutamol (SALB) ELISA Kit	K4209	100 assays
Sulfonamides residue ELISA Kit	K4207	100 assays
Vitamin D3 (human) ELISA kit	K4806	100 assays

Glutathione & Related Products

Product Name	Cat. No.	Size
EZCell™ Glutathione Detection Kit (Blue Fluorescence)	K504	100 assays
Glutathione Peroxidase Activity Colorimetric Assay Kit	K762	100 assays
Glutathione Reductase Activity Colorimetric Assay Kit	K761	200 assays
GST Colorimetric Activity Assay Kit	K263	100 assays

Visit our website www.BioVision.com for a comprehensive overview on these products!