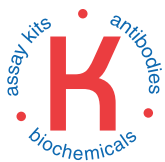


Assay Kits for DNA / Oxidative Damage

Product	Description	Cat. No.	Size	Price
8-OHdG ELISA	For the quantitative determination of 8-OHdG in urine, serum, plasma, tissue, and other biological samples. Assay Range: 0.5 - 200 ng/mL. Includes calibrators.	KT-447	96 tests	\$999
8-OHdG ELISA, High-Sensitive	For the high sensitive quantitative determination of 8-OHdG in urine, serum, tissue, and other biological samples. Assay Range: 0.125 - 10 ng/mL. Includes calibrators.	KT-448	96 tests	\$999
BrdU Cell Proliferation Kit	Non-isotopic immunoassay for measuring BrdU incorporation into cell DNA.	KT-076	200 tests	\$310
BrdU IHC Kit	Histochemical staining kit for the detection and localization of BrdU in DNA.	KT-077	50 slides	\$381
DNA Fragmentation Assay (Apo-BrdU-Red)	Apo-BrdU in situ assay for conveniently detecting DNA fragmentation in cultured cells or tissue sections by fluorescence microscopy or flow cytometry.	KT-216	108 tests	\$567
DNA Quantification Kit	For quantifying DNA in cell lysates & determining the number of cells in culture systems.	KT-045	1 kit	\$377
Glutathione S-Transferase Colorimetric Activity Assay	For the colorimetric determination of GST activity in plasma, cell and tissue homogenates. Detection Limit: active GST 10 ng/assay.	KT-204	100 tests	\$405
Glutathione S-Transferase Fluorometric Activity Assay	For the fluorometric determination of GST activity in plasma, cell and tissue homogenates. Detection Limit: active GST 10 ng/assay.	KT-205	100 tests	\$405
Pi-Glutathione S-Transferase ELISA, Human	Quantitative EIA for the assay of π GST in human bile, plasma, and urine. Assay Range: 3.12 - 100 μ g/L.	KT-121	96 tests	\$1,018
Hexanoyl-Lys Adduct ELISA	For the quantitative determination of hexanoyl-lys (HEL) adduct in urine, serum, and other biological samples. Assay Range: 2 - 700 nmol/L. Includes calibrator.	KT-519	96 tests	\$999
Hydrogen Peroxide Assay	Quantitative chemiluminescent assay for hydrogen peroxide in samples. The assay range is 2.44 - 2,500 ng/mL in buffer and 39.06 - 10,000 ng/mL in TCM.	KT-130	96 tests	\$407
Ku70/86 DNA Repair Kit	For the accurate and rapid study of active Ku 70/86 in mouse, rat, and human nuclear extracts. Range: 0.15 - 1.25 μ g extract / well Ku70 and 0.15 - 2.5 μ g extract / well Ku86.	KT-132	96 tests	\$845

(over)



Product	Description	Cat. No.	Size	Price
LPO-CC (Lipid Peroxides) Kit	For the quantitative colorimetric determination of high levels of lipid peroxides in serum, plasma, and other biological samples. Assay range = 2.0 - 300 nmol/mL. (165 tests with 1 mL test tube, 550 tests with 96-well microtiter plate)	CC-004	165 mL	\$330
Myeloperoxidase ELISA	For the quantitative determination of natural human myeloperoxidase in cell culture medium, plasma, and sputum. Minimum detection level = 0.4 ng/mL. Assay range: 0.4 to 100 ng/mL.	KT-027	2 x 96 tests	\$1,068
Nitrate / Nitrite Assay	For the quantitative colorimetric determination of nitrate/nitrite in urine, plasma, serum, saliva and tissue culture medium. Contains nitrate and nitrite standards. Assay Range: 2 - 55 µM. Detection Limit: <1 µM.	DN-006	192 tests	\$561
Nitric Oxide Assay, Fluorometric	For the quantitative fluorometric detection of total nitric oxide (NO) in culture media, plasma, serum, urine and other biological fluids. Detection limit: 0.02 µM. Assay Range: Nitrate 0.078 - 10 µM.	KT-152	192 tests	\$415
Nitric Oxide Synthase I EIA	For measuring nitric oxide synthase I in human or rat tissue extracts. Assay Range: 0.412 - 100 ng/mL.	KT-371	96 tests	\$1,038
Nitrotyrosine ELISA	For quantitative detection of human nitrotyrosine, a marker for inflammation and nitric oxide, in serum or plasma. Contains standard. Assay Range: 2 - 1,500 nM.	DN-005	192 tests	\$1,117
Oxidative DNA Damage Kit (Qualitative)	Fluorescent assay (flow cytometer or direct slide technique) for the detection of 8-oxoguanine adduct, a sensitive marker of DNA base damage caused by oxygen free radicals.	DN-001	50 tests	\$741
Oxidative DNA Damage Kit (Quantitative)	Colorimetric assay for the quantification of abasic sites (a marker for oxidative DNA damage) in purified genomic DNA. Assay Range: 1 - 40 abasic sites / 100,000 base pairs.	DN-002 DN-004	20 tests 5 tests	\$460 \$305
RPA (Replication Protein A) DNA Repair Assay	For the measurement of RPA70 and RPA32 in samples. Assay Range: 0.15 - 10 µg / well nuclear extract.	KT-182	96 tests	\$845
Superoxide Dismutase (SOD) Assay	For quantitative determination of SOD inhibition activity in most biological samples. Assay Range: 0 - 100% activity inhibition.	KT-019 KT-219	500 tests 100 tests	\$375 \$235
Superoxide Dismutase (Cu/Zn) ELISA, Human	ELISA for the quantitative determination of human Cu/Zn SOD in serum, plasma, urine, amniotic fluid, fetal umbilical vein blood, and culture supernatant. Contains standard. Assay Range: 0.07 - 5.0 ng/mL.	KT-034	96 tests	\$682
Total Antioxidant Capacity (PAO) Assay	For the assessment of total antioxidants of serum, foods, and beverages. Assay Range: 21.9 - 4,378 µmol / L (cupric ion reducing power).	KT-521	96 tests	\$965

For *in vitro* research use only. Not for use in humans.