

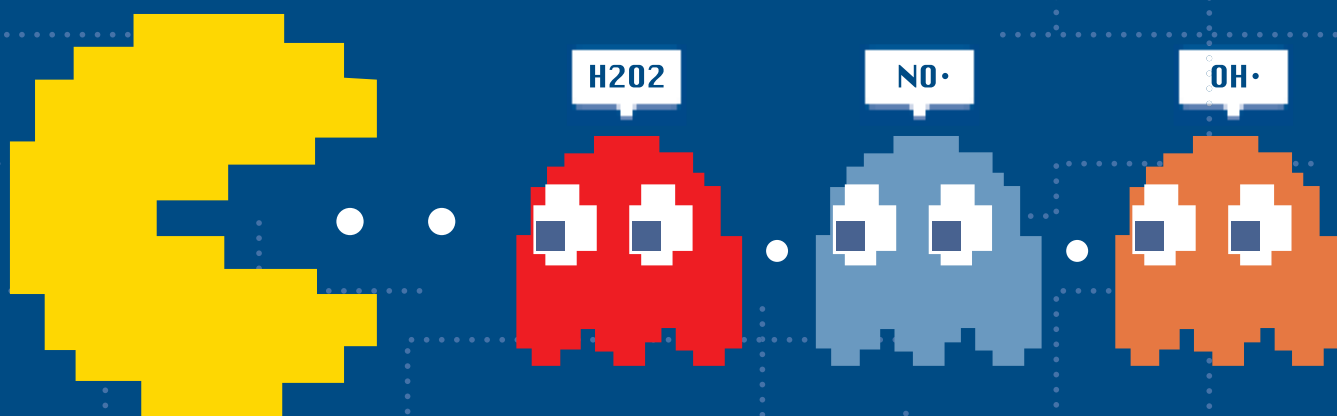
氧化壓力分析套組

▼ Oxidative stress ▼

TBARS ROS SOD GPX

熱銷產品線

產 品	樣本種類	貨 號
Superoxide Dismutase Assay Kit	plasma, serum, tissue homogenates, and cell lysates	706002
Catalase Assay Kit	plasma, serum, erythrocyte lysates, tissue homogenates, and cell lysates	707002
TBARS (TCA Method) Assay Kit	plasma, serum, urine, tissue homogenates, and cell lysates	700870
Glutathione Peroxidase Assay Kit	plasma, erythrocyte lysates, tissue homogenates, and cell lysates	703102
Glutathione Assay Kit	plasma, tissue samples, and cultured cells	703002
ROS Detection Cell-Based Assay Kit (DCFDA)	cell	601520



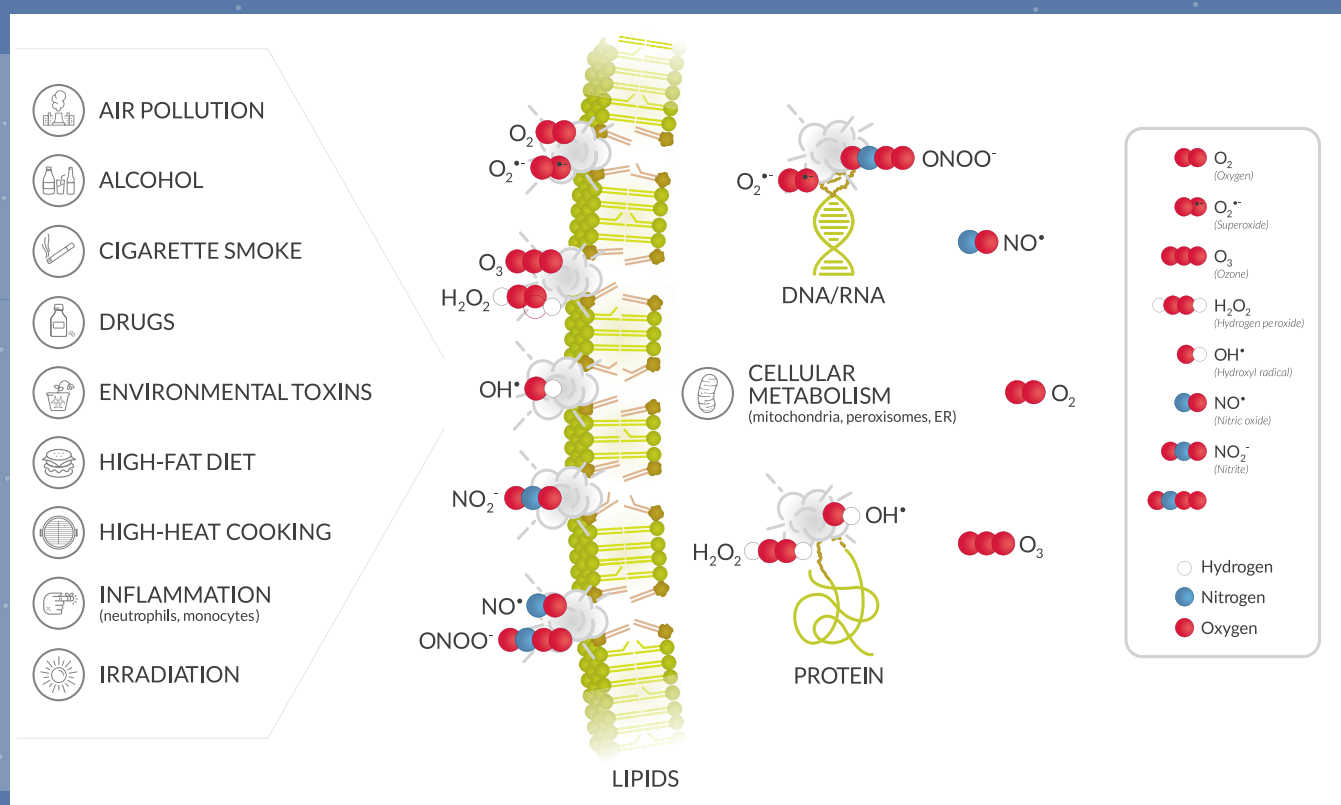
氧化壓力

▼ Oxidative stress ▼

活性氧 (Reactive Oxygen Species, ROS) 包含過氧化物 (Peroxides)、超氧化物 (Superoxide)、氫氧自由基 (Hydroxyl radical)、單態氧 (Singlet oxygen) 等。不對等的電子使 ROS 在生物組織細胞中非常不穩定，積極參與分子反應，搶奪電子，誘發自由基連鎖反應，進而增加體內的氧化壓力。

氧化壓力的評估可透過測量活性氧 (ROS) 含量直接評估，也可以透過 ROS 對脂質、蛋白質、核酸造成的氧化性損傷進行間接評估。

Cayman 身為氧化壓力研究領域的領導先驅，致力開發各式氧化壓力分析試劑套組。豐富多樣且高品質的產品，滿足您對實驗的所有需求。



Antioxidant Detection/Activity

產 品	應 用	貨 號
Superoxide Dismutase Assay Kit	plasma, serum, tissue homogenates, and cell lysates	706002
Catalase Assay Kit	plasma, serum, erythrocyte lysates, tissue homogenates, and cell lysates	707002
Catalase Assay Kit (without Hydrogen Peroxide)	plasma, serum, erythrocyte lysates, tissue homogenates, and cell lysates	700910
Glutathione Assay Kit	plasma, tissue samples, and cultured cells	703002
Glutathione Cell-Based Detection Kit (Blue Fluorescence)	whole cells	600360
Glutathione Peroxidase Assay Kit	plasma, erythrocyte lysates, tissue homogenates, and cell lysates	703102
Glutathione Reductase Assay Kit	plasma, cell lysates, and tissue homogenates	703202
Glutathione S-Transferase Assay Kit	plasma, tissue homogenates, and cell lysates	703302
Antioxidant Assay Kit	plasma, serum, urine, saliva, or cell lysate samples	709001
Ascorbate Assay Kit	plasma, serum, urine, and fruit juices	700420
Thiol Detection Assay Kit	plasma, serum, urine, cell lysates, and tissue homogenates	700340
Thioredoxin Activity Fluorescent Assay Kit	cell lysates	500228
Thioredoxin Reductase Colorimetric Assay Kit	tissue homogenates and cell lysates	10007892
Thioredoxin Reductase Fluorescent Activity Assay Kit	cell lysates and tissue homogenates	11529

Lipid peroxidation

產 品	應 用	貨 號
Lipid Hydroperoxide (LPO) Assay Kit	tissues, cultured cells, plant materials, foods, and biological fluids	705002
TBARS Assay Kit	plasma, serum, urine, tissue homogenates, and cell lysates	10009055
TBARS (TCA Method) Assay Kit	plasma, serum, urine, tissue homogenates, and cell lysates	700870
STAT-8-Isoprostane ELISA Kit	plasma, urine, culture medium, tissue, tissue homogenate, lavage fluids and aspirates	500431
8-Isoprostane ELISA Kit	plasma, urine, culture medium, tissue, tissue homogenate, lavage fluids and aspirates	516351
8-Isoprostane Express ELISA Kit	plasma, urine, culture medium, tissue, tissue homogenate, lavage fluids and aspirates	516360
DHN-MA EIA Kit	urine	501140



ROS

產 品	應 用	貨 號
Nitrate/Nitrite Colorimetric Assay Kit	plasma, serum, urine, tissue culture media, and tissue homogenates	780001
Nitrate/Nitrite Colorimetric Assay Kit (LDH Method)	plasma, serum, and tissue homogenates	760871
Nitrate/Nitrite Fluorometric Assay Kit	plasma, serum, urine, tissue culture media, and tissue homogenates	780051
NOS Activity Assay Kit	tissue lysates, cell lysates	781001

DNA/RNA Damage Assays

產 品	應 用	貨 號
DNA/RNA Oxidative Damage (Clone 7E6.9) ELISA Kit	urine	501130
DNA/RNA Oxidative Damage (High Sensitivity) ELISA Kit	urine, cell culture medium, cell lysates, tissue samples, saliva, and plasma/serum	589320

Protein Oxidation and Nitration Assays

產 品	應 用	貨 號
Protein Carbonyl Colorimetric Assay Kit	plasma, serum, urine, tissue homogenates, and cell lysates	10005020
Methionine Sulfoxide Immunoblotting Kit	-	600160
Nitrotyrosine IP Kit	-	601220
S-Nitrosylated Protein Detection Kit (Biotin Switch)	whole cells, tissues	10006518
S-Glutathionylated Protein Detection Kit	whole cells	10010721

