



Ethos Biosciences' Oxidative Stress ELISAs measure proteins and biomarkers that are of significance for kidney disease and other metabolic disorders. They are suitable for use with a range of sample types, including urine, plasma, serum and cell culture supernatants. Kits feature a 96-well plate format, intended for up to 40 unique samples per plate (in addition to duplicates and controls).

Oxidative stress occurs when a cell is unable to eliminate the damaging reactive oxygen species that arise as a normal consequence of mitochondrial function. It plays a key role in the pathogenesis of chronic conditions such as diabetes, cancer and cardiovascular and neurodegenerative diseases. Organs with high mitochondrial activity such as the kidneys are particularly vulnerable to this metabolic imbalance.

Cat #	Assay	Target/Species	Assay Principle	Specimen	Assay Range	# Plates
1021	DTNB-Thiols	Sulfhydryl groups [all species]	Chemical reaction; absorbance	serum, urine [all species]	15.6 - 1000µmol	1 x 96-well plate
1020	Malondialdehyde/ Universal TBARS	TBA-reactive substances in biologic samples [all species]	Chemical reaction; absorbance or fluorescence	universal	0 - 30 nmole fluor; 0 - 300 nmole spectrophotometry	1 x 96-well plate

Over 80 years of Experience Manufacturing Accurate, Repeatable, & Easy-to-use Diagnostics & Reagents

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