

Abbreviations

8-OHdG - Urinary 8-hydroxydeoxyguanosine

ALP- Alkaline phosphatase

ALT- Alanine aminotransferase

AST- Aspartate aminotransferase

GK - Goto-Kakizaki

γ GT- γ -Glutamyltranspeptidase

GPx- Glutathione peroxidase

GRd- Glutathione reductase

GSH –Glutathione

HEF- Hepatic extraction fraction

HFD - High fat diet

α -LA - α -Lipoic acid

MDA - Malondialdehyde

NADPH – Nicotinamide adenine dinucleotide phosphate

NASH- Non-alcoholic steatohepatitis

Nrf2 - Nuclear factor E2 (erythroid-derived 2)-related factor-2

SO – Soybean oil

TNF- α - Tumor necrosis factor- α