

Abbreviations

Δ^5 -3 β -HSD	Δ^5 , 3 β -hydroxysteroid dehydrogenase
17 β -HSD	17 β -hydroxysteroid dehydrogenase
ANOVA	Analysis of variance
BAL	British Anti Lewsite
BSA	Bovine serum albumin
CaCl ₂	Calcium Chloride
CAT	Catalase
CD	Conjugated Dienes
cDNA	Complementary deoxyribonucleic acid
CPCSEA	Committee for the Purpose of Control and Supervision on Experiments on Animals
DAB	3,3'-diaminobenzidine
DHEA	Dehydroepiandrosterone
DMSA	Meso 2, 3-Dimercap to succinic acid
DMSO	Dimethyl sulfoxide
DNA	Deoxyribonucleic acid
DTNB	5, 5''- dithiobis-2-nitrobenzoic acid

EDTA	Ethylene diamine tetra acetic acid
ELISA	Enzyme-linked immune sorbent assay
ER- α	Estradiol receptor α
FSH	Follicle stimulating hormone
g	Gram
GAPDH	Glyceraldehyde-3-phosphate dehydrogenase
GPx	Glutathione peroxidase
GR	Glutathione reductase
GSH	Reduced glutathione
H ₂ O ₂	Hydrogen peroxide
Hcy	Homocysteine
HRP	Horseradish peroxidase
hrs	Hours
IgG	Immunoglobulin G
I κ B	Inhibitor kappa B
IL-6	Interleukin 6
K ₂ HPO ₄	Dipotassium phosphate
KCl	Potassium chloride

L	Litre
LDH	Lactate dehydrogenase
M	Molar
mA	Miliampere
MDA	Malondialdehyde
Mg	Mili gram
ml	Mili litre
mmol	Mili mole
mM	Milimolar
MMA	Monomethylarsonic acid
MMA	Monomethylarsonate
MnCl ₂	Manganese chloride
MSMA	Monosodium methane arsenate
MT-1	Metallothionein 1
NAC	N-acetyl cysteine
NaCl	Sodium chloride
NAD	Nicotinamide adenine dinucleotide
NADH	Reduced nicotinamide adenine dinucleotide

NADP	Nicotinamide adenine dinucleotide phosphate
NADPH	Reduced nicotinamide adenine dinucleotide phosphate
NaH ₂ PO ₄	Sodium dihydrogen phosphate
NaOH	Sodium hydroxide
NBT	Nitrobluetetrazolium
NF-κB	Nuclear factor kappa B
Nm	Nano metre
NPSH	Non protein soluble thiol
OD	Optical density
PBS	Phosphate buffered saline
PCR	Polymerase chain reaction
ppb	Parts per billion
ppm	Parts per million
RNA	Ribonucleic acid
ROS	Reactive oxygen species
rpm	Rotation per minute
SAM	S-adenosylmethionine
SDS	Sodium dodecyl sulfate

SE	Standard error
SGOT	Serum glutamic-oxaloacetic transaminase
SGPT	Serum glutamic-pyruvic transaminase
SOD	Super oxide Dismutase
TBA	Thiobarbituric acid
TCA	Tri-chloroacetic acid
TEMED	Tetramethylethylenediamine
TMB	3,3',5,5'-tetramethylbenzidine
TMUF	Total Monounsaturated fatty acid
TNF- α	Tumor necrosis factor α
TPUF	Total Polyunsaturated fatty acid
TSFA	Total Saturated fatty acid
μg	Microgram
μL	Micro litre
μm	Micromitre
μmol	Micromole