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ABBREVIATIONS

β- NADPH	β-nicotinamide adenine nucleotide phosphate (Reduced form)
°C	degree celcius
µg	microgram
µl	microliter
µM	micromolar
µm	micrometer
A	Ampere
ALP	alkaline phosphatase
ALT	alanine aminotransferase
AST	aspartate aminotransferase
BSA	bovine serum albumin
bw	body weight
CDNB	1-Chloro-2, 4-dinitrobenzene
$CuSO_4 \cdot 5H_2O$	copper sulphate pentahydrate
CYP	cytochrome P450
DAB	3, 3'-diaminobenzidine
DCPIP	2, 6-dichlorophenolindophenol
DEN	diethylnitrosamine
DI	deionized water
DTT	dithiothreitol
DW	distilled water
EDTA	ethylenediaminetetraacetic acid
EGTA	ethylene glycol tetraacetic acid

FAD	flavin adenine dinucleotide
g	gram
GSH	glutathione (Reduced form)
GST-P	glutathione-*S*-transferase placental form
H_2O_2	hydrogen peroxide
HCl	hydrochloric acid
i.g.	intragastium
i.p.	intraperitoneum
IgG	immunoglobulin G
KCl	potassium chloride
KCN	potassium cyanide
kg	kilogram
KH_2PO_4	potassium dihydrogen phosphate
KOH	potassium hydroxide
L	liter
M	molar
mA/cm^2	milli ampere per square centimeter
MDA	malondialdehyde bis(dimethyl acetal)
mg	milligram
$MgCl_2$	magnesium chloride
min	minute
ml	milliliter
mm	millimeter
mM	milli molar
MNHEPs	micronucleated hepatocytes
NaCl	sodium chloride
$NaHCO_3$	sodium bicarbonate
NaH_2PO_4	sodium dihydrogen phosphate
Na_2HPO_4	sodium hydrogen phosphate
Na_2CO_3	sodium carbonate
NaOH	sodium hydroxide

NSS	normal saline solution
nm	nanometer
PBS	phosphate buffer saline
PC	pinocembrin
PH	partial hepatectomy
PMSF	phenylmethanesulphonylfluoride
SDS-PAGE	sodium dodecyl sulfate polyacrylamide gel electrophoresis
TBA	thiobarbituric acid
TBARS	thiobarbituric acid reactive substances
TCA	trichloroacetic acid
v/v	volume by volume
w/v	weight by volume