

List of Abbreviations

%	percentage
κ	kappa
λ	lambda
μg	microgram
μl	microliter
μm	micrometer
μM	micromolar
°C	degree celsius
bp	base-pair
cm	centimeter
l	liter
mg	milligram
ml	milliliter
mM	milimolar
min	minute
M	molar
nm	nanometer
mm	milimeter
MW	molecular weight
kDa	kilo dalton
v/v	volume per volume
w/v	weight per volume
hr	hour
g	gravity
cGMP	cyclic guanosine monophosphate
pA	pico Amp
BHT	Butylated hydroxytoluene
DFO	desferoxamine
DW	distilled water

List of Abbreviation (continue)

EDTA	Ethylenediaminetetraacetic acid
FBS	Fetal bovine serum
FCS	Fetal calf serum
H ₂ O ₂	Hydrogen peroxide
LDL	Low density lipoprotein
LOX-1	Lectin- like oxidized lipoprotein receptor 1
mRNA	messenger ribonucleic acid
MAPK	mitogen activated protein 1
MDA	molonaldehyde
NO	nitric oxide
oxLDL	oxidized low density lipoprotein
O ₂ ^{•-}	superoxide anion
•OH	hydroxyl radical
ONOO ⁻	peroxynitrite
PMSF	phenylmethysulphonyl fluoride
pH	power of hydrogen ion
PBS	Phosphate Buffer Saline
REM	relative electrophoretic mobility
RNS	reactive nitrogen species
ROS	reactive oxygen species
RPMI	roswell park memorial institute
RT-PCR	reverse transcriptase polymerase chain reaction
SOD	superoxide dismutase
TBARs	thiobarbuturic acid reactive substance
SDS-PAGE	sodium docedyl sulphate polyacrylamide gel electrophoresis
UV	ultraviolet