

Abbreviations

AAS	Atomic absorption spectroscopy
Amp	Ampicillin
ALAD	δ -aminolevulinic acid dehydratase
ALT	Alanine aminotransferase
ALP	Alkaline phosphatase
AST	Aspartate aminotransferase
As	Arsenic
ATP	Adenosine triphosphate
bp	base pair (s)
Cd	Cadmium
CAT	Catalase
csYF-citC	Artificial Citrate Operon
DNA	Deoxyribonucleic acid
<i>EcN</i>	<i>E. coli</i> Nissle 1917
FFAs	Free fatty acids
GalN	Galactosamine
GFP	Green fluorescent protein
GPx	Glutathione Peroxidase
GSH	Reduced Glutathione
Hb	Hemoglobin
HDL	High Density Lipoprotein
HPLC	High Performance Liquid Chromatography
2-KG	2-Ketogluconic acid
kb	Kilobase (s)
kDa	KiloDalton
LAB	Lactic acid Bacteria
LB	Luria broth
LDL	Low Density Lipoprotein
LPO	Lipid Peroxidation
LPS	Lipopolysaccharide

MDA	Malondialdehyde
MPO	Myeloperoxidase
Mt	Metallothionein
mM/M	Millimolar/Molar
ng	Nanogram
nm	Nanometer
NO	Nitric oxide
iNOS	inducible Nitric oxide synthase
OD	Optical Density
Pb	Lead
PBS	Phosphate Buffer Saline
PCR	Polymerase Chain Reaction
PQQ	pyrroloquinoline quinone
RBC	Red Blood Cells
RE	Restriction Endonuclease
ROS	Reactive Oxygen Species
rpm	Revolutions per minute
SCFAs	Short Chain Fatty Acids
SOD	Superoxide Dismutase
TC	Total Cholesterol
TG	Triglycerides
VHb	Vitreoscilla Hemoglobin

Note: The full forms of several rarely used abbreviations have been described within the text