

Abbreviations

Δ^5 , 3 β -HSD	Delta 5, 3 beta hydroxyl dehydrogenase
17 β -HSD	17 beta-hydroxysteroid dehydrogenase
AD	Androstenidione
ALP	Alkaline Phosphatase
ALT	Alanine Transamainase
As ₂ O ₃	Arsenic trioxide
AS/As/As ³⁺	Sodium arsenite
AST	Aspertate Transamaynase
ATP	Adenosine Tri Phosphate
BAL	British Anti Lewiste
BSA	Bovine serum albumin
cAMP	Cyclic Adenosine Monophosphate
CAT	Catalase
CCA	Cacodylic acid
CD	Conjugated Diene
CHD	Coronary Heart Disease
CPCSEA	The Committee for the Purpose of Control and Supervision of Experiments on Animals
DHED	Dehydroepiandrosterone Dinucleotitde
DMA	Dimethylarsinic acid

DMSA	Dimarcaptosuccinic acid
DMSO	Dimethyl sulfoxide
DNA	Deoxyribonucleic Acid
dsDna	double stranded DNA
dTMP	deoxy-Thymidine Monophosphate
DTNB	5,5'-Dithio-bis (2-nitrobenzoic acid)
dUMP	deoxy-Uridine Monophosphate
E2	Estradiol
EDTA	Ethylene Diamaine Tetra Acetic Acid
ELISA	Enzyme Linked Immunosorband Assay
FH4	Tetrahydrofolate
FSH	Folicle Stimulating Hormone
GI	Gastro-Intestinal
GnRH	Gonadotrophin Releasing Hormone
GSH	Glutathione
H ₂ O ₂	Hydrogen Peroxide
Hb	Haemoglobin
HCl	Hydrochloric Acid
HDL	High density lipoprotein
HRP	Horse Radish Peroxidase
IQ	Iteligent Quent
IUF-1	Insulin Upstream Faactor-1

K_2HPO_4	Di-Pottassium Hydrogen Phosphate
LDH	Lacted Dehydrogenase
LDL	Low-Density Lipoprotein
LH	Lutinizing Hormone
MCH	Mean Corpucular Haemoglobin
MCHC	Mean Corpuscular Haemoglobin Concentration
MCV	Mean Corpuscular Volume
MDA	Malondealdehyde
MMA	Monomythyl Arsenic Acid
$NA_2S_2O_5$	Sodium Metabisulphite
$NaASO_2$	Sodium Arsenite
NADH	Reduced Nicotinamide Adenine
$NaH_2 PO_4$	Monosodium dihydrogen phosphate
NBT	Nitro Blue Tetrazolium
NMDAR	N-methyl-D-aspartate receptor
NRC	National Research Council
OD	Optical Density
PCFT	Proton-Coupled High-Affinity Folate Transporter
PCV	Packed Cell Volume
POD	Peroxidase
PPAR γ	Peroxisome Proliferative-Activated Receptor γ .
PUFA	Poly Unsaturated Facty Acid

RBC	Red Blood Corpuscle
RFC	Reduced Folate Carrier
RNS	Reactive Nitrogen Species
ROS	Reactive Oxygen Species
RT	Room Temperature
SABC	Streptavidin Biotine Conjugate
SDS	Sodiun Dodecyl Sulfate
SGPT	Serum Glutamate Pyruvate Transaminase
SGOT	Serum Glutamate Oxaloacetate Transaminase
SOD	Super Oxide Dismutase
TG	Triglyceride
TMB	Tetra Methyl Benzidine
TNapp	Tetrasodium pyrophosphate
TP	Total Protein
Vit.	Vitamin
VLDL	Very Low Density Lipoprotein
WBC	White Blood Corpuscle
WHO	World Health Organization