

Abbreviations

ALX - Alloxan	GDM - Gestational Diabetes Mellitus
ANOVA - Analysis of Variance	GK- Glucokinase
BSI - Botanical Survey of India	GLUT2 - Glucose Transporter 2
BSTFA - Bis (trimethylsilyl) trifluoroacetamide	GPx - Glutathione Peroxidase
bw - body weight	GR - Glutathione reductase
BWF - Body Weight after Feeding	GSH - Glutathione
CAM-Complementary and Alternative Medicine	H ₂ O ₂ - Hydrogen Peroxide
CPCSEA - Committee for the Purpose of Control and Supervision of Experiments on Animals	HFP - <i>Hodgsonia</i> Fruit Pulp
DC - Diabetic Control	HH - High dose of <i>Hodgsonia</i>
DDW - Double Distilled Water	HHS - Hyperosmolar Hyperglycemic State
DG - Diabetic Glibenclamide	HLA-DQ- Human Leukocyte Antigen genotype
DI - Diabetic Insulin	HM - High Methanol
DKA - Diabetic Ketoacidosis	HPME - <i>Hodgsonia</i> Pulp Methanolic Extract
dL - deci Liter	IDDM - Insulin Dependent Diabetes Mellitus
DMSO - Dimethyl sulfoxide	IEAC- Internal Ethical Approval Committee
DPPH-2,2-diphenyl 1-picrylhydrazyl	IFG - Impaired Fasting Glycemia
EC - Effective Concentration	IGT - Impaired Glucose Tolerance
ER - Endoplasmic Reticulum	IR - Insulin Receptor
FBGL - Fasting Blood Glucose Level	IRS - Insulin Receptor Substrate
FBW- Fasting Body Weight	IRTK-Insulin Receptor Tyrosine Kinase
FC - Folin Ciocalteu	IUPAC - International Union of Pure and Applied Chemistry
FFAs - Free Fatty Acids	JNK- c-Jun N-terminal Kinase
FPG - Fasting Plasma Glucose	LA - Lipoic Acid
g - gram	
GAD - Glutamic Acid Decarboxylase	
GAE - Gallic Acid Equivalent	

LD ₅₀ - Lethal Dose ₅₀	PPAR - Peroxisome Proliferator Activated Receptors
LH - Low dose of <i>Hodgsonia</i>	PPAR γ - Peroxisome Proliferator Activated Receptor- γ
LM - Low Methanol	PPG - Postprandial Glucose
LPO - Lipid Peroxidation	PTPase- Protein Tyrosine Phosphatase
LPx - Lipid Per-Oxidation	QE - Quercetin Equivalent
m - mass	RPA– Reducing Power Assay
M - Molar concentration	RBS - Random Blood Sugar
MAPK - Mitogen Activated Protein Kinase	RNS - Reactive Nitrogen Species
MDA - Malondialdehyde	ROS - Reactive Oxygen Species
MHE - Methanolic <i>Hodgsonia</i> Extract	RT - Retention Time
mL - milli Liter	SAPK- Stress Activated Protein Kinase
mM - milli Molar	SEM - Standard Error of Mean
MNT - Medical Nutrition Therapy	SOD - Super Oxide Dismutase
MODY- Maturity Onset Diabetes of the Young	STZ - Streptozotocin
MOH - Methanol	TCF7L2 -Transcription Factor7-Like2
n –Normal concentration	TF - Tumor Factor
NC - Normal Control	TM - Traditional Medicine
NF - Nuclear Factor	TMCS - Trimethyl Chlorosilane
NIDDM -Non-Insulin-Dependent Diabetes Mellitus	TNF - α -Tumor Necrosis Factor
OD - Optical Density	U - Unit
OGTT - Oral Glucose Tolerance Test	v - volume
PI3-K- Phosphatidylinositol 3- Kinase	WBC - White Blood Corpuscles
PKC - Protein Kinase C	WHO -World Health Organization