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List of abbreviations

~	Around
μ	Micron
μg	Microgram
μL	Microliter
μM	Micro molar
μm	Micrometre
°C	Degree centigrade
AAE	Ascorbic acid equivalents
ABTS	2,2'-azino-bis-3-ethylbenzothiazoline-6-sulphonic acid
ACN	Acetonitrile
APTE	<i>Amorphophallus paeoniifolius</i> tuber extract
cAMP	Cyclic adenosine monophosphate
DMEM	Dulbecco's modified eagle medium
DMSO	Dimethylsulphoxide
DPPH	2,2-diphenyl-1-picrylhydrazyl
EDTA	Ethylene diamine tetra -acetic acid
ESI	Electrospray ionization
EtOH	Ethanol
FAS	Fatty acid synthase
FBS	Fetal bovine serum
FeCl ₃	Ferric chloride
FRAP	Ferric reducing ability of plasma
g	Gram
GAPDH	Glyceraldehyde phosphate dehydrogenase

GAE	Gallic acid equivalents
HEK293	Human Embryonic Kidney cell line 293
hr	Hour
H ₂ O ₂	Hydrogen peroxide
H ₂ SO ₄	Sulphuric acid
HCl	Hydrochloric acid
HPLC	High performance liquid chromatography
LC-MS	Liquid chromatography-mass spectroscopy
M	Molar
MCF-7	Michigan Cancer Foundation-7
MDA-MB-231	M.D. Anderson- Metastasis Breast cancer-231
MEF	Mouse Embryonic Fibroblast
min	minute
mg	Milli gram
ml	Milli litre
mM	Milli molar
MTT	3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide
NaOH	Sodium hydroxide
Na ₂ CO ₃	Sodium carbonate
nM	Nano molar
PBS	Phosphate buffer saline
QE	Quercetin equivalent
RCFE	<i>Ricinus communis</i> fruit extract
RCLE	<i>Ricinus communis</i> leaf extract
ROS	Reactive oxygen species

SDS	Sodium dodecyl sulphate
sec	Second
SEM	Standard error of mean
SPLE	<i>Smilex perfoliata</i> leaf extract
SPSE	<i>Smilex perfoliata</i> stem extract
SPRE	<i>Smilex perfoliata</i> root extract
TAE	Tannic acid equivalents
TBA	Thiobarbituric acid
TCA	Trichloroacetic acid
TFA	Trifluoroacetic acid
Zn	Zinc