

**TABLE 1**  
**Common abbreviations and units that may be used without definition**  
**Do not pluralize abbreviations**

<b>Statistical Abbreviations</b>	
analysis of covariance	ANCOVA
analysis of variance	ANOVA
coefficient of correlation, sample	$r$
coefficient of determination, sample	$r^2$
coefficient of multiple correlation	$R$
coefficient of multiple determination	$R^2$
coefficient of variation	CV
confidence interval	CI
degrees of freedom	$df$
hazard ratio	HR
interquartile range	IQR
natural log	ln
not significant	NS
number of observations	$n$
odds ratio	OR
probability (level of significance)	$P$ , $P$ -trend, $P$ -interaction, etc.
relative risk	RR
standard deviation	SD
standard error of the estimate	SEE
standard error of the mean	SEM
<b>Institutional Abbreviations</b>	
American Chemical Society	ACS
American Heart Association	AHA
American Society for Nutrition	ASN
Association of Official Analytical Chemists	AOAC
Centers for Disease Control and Prevention	CDC
Food and Agriculture Organization	FAO
Food and Drug Administration	FDA
National Health and Nutrition Examination Survey	NHANES
National Institutes of Health	NIH
National Research Council	NRC
United Nations Children's Fund	UNICEF
U.S. Department of Agriculture	USDA
U.S. Pharmacopoeia	USP
World Health Organization	WHO
<b>Miscellaneous</b>	
equation (e.g., Eq. 4)	Eq.
experiment (e.g., Expt. 4)	Expt.
for example	e.g.
in other words; that is	i.e.
inner diameter	i.d.
intra-gastric(ally)	i.g.
intramuscular(ly)	i.m.
intraperitoneal(ly)	i.p.
intravenous(ly)	i.v.
mass-to-charge ratio	$m/z$
optical density	OD
outer diameter	o.d.
versus	vs.
volume:volume (only with a ratio)	(v:v)
weight:volume (only with a ratio)	(wt:v)
weight:weight (only with a ratio)	(wt:wt)
<b>General Abbreviations</b>	
acquired immunodeficiency syndrome	AIDS
adenosine 5'-mono-, -di-, and -triphosphates	AMP, ADP, and ATP
apolipoprotein	apo
area under the curve	AUC
base pair	bp
blood oxygenation level-dependent	BOLD
body mass index	BMI
bovine serum albumin	BSA
branched-chain amino acid	BCAA
butylated hydroxytoluene	BHT
coenzyme A	CoA
colony-forming unit	CFU
complementary deoxyribonucleic acid	cDNA
conjugated linoleic acid	CLA
cycle threshold (may be preceded by $\Delta$ or $\Delta\Delta$ , as appropriate)	Ct

cyclic AMP (adenosine 3',5'-monophosphate), etc.	cAMP, etc.
cytidine 5'-mono-, -di-, and -triphosphates	CMP, CDP and CTP
daily recommended intake	DRI
deoxyribonucleic acid or deoxyribonucleate	DNA
dimethylsulfoxide	DMSO
dithiothreitol	DTT
docosahexaenoic acid	DHA
dual-energy X-ray absorptiometry	DXA
Dulbecco's Modified Eagle Medium	DMEM
Eagle's minimum essential medium	MEM
eicosapentaenoic acid	EPA
Enzyme Commission nomenclature number	EC
enzyme-linked immunosorbent assay	ELISA
Ethylenediaminetetraacetic acid	EDTA
ethyleneglycol-bis( $\beta$ -aminoethyl)-N,N,N',N' - tetraacetic acid	EGTA
fatty acid methyl ester	FAME
female (in tables/figure legends only)	F
fetal bovine serum	FBS
flavin-adenine dinucleotide and its fully reduced form	FAD and FADH <sub>2</sub>
flavin mononucleotide	FMN
food-frequency questionnaire	FFQ
free fatty acid	FFA
functional magnetic resonance imaging	fMRI
gas chromatography	GC
gas-liquid chromatography	GLC
glyceraldehyde-3-phosphate dehydrogenase	GAPDH
guanosine 5'-mono-, -di-, and -triphosphates	GMP, GDP, and GTP
Hanks' balanced salt solution	HBSS
high density lipoprotein	HDL
high performance liquid chromatography	HPLC
homeostasis model of assessment - insulin resistance	HOMA-IR
horseradish peroxidase	HRP
human immunodeficiency virus	HIV
N-2-hydroxyethylpiperazine N'-2-ethanesulfonic acid	HEPES
immunoglobulin	Ig
interferon	IFN
interleukin	IL
intermediate density lipoprotein	IDL
lipopolysaccharide	LPS
low density lipoprotein	LDL
magnetic resonance imaging	MRI
male (in tables/figure legends only)	M
mass spectrometry	MS
messenger ribonucleic acid	mRNA
mitogen-activated protein kinase	MAPK
monounsaturated fatty acid	MUFA
3-(N-morpholino) propanesulfonic acid	MOPS
natural killer cell	NK cell
nicotinamide adenine dinucleotide and its oxidized and reduced forms	NAD, NAD <sup>+</sup> , and NADH
nicotinamide adenine dinucleotide phosphate and its oxidized and reduced forms	NADP, NADP <sup>+</sup> , and NADPH
nitric oxide	NO
nuclear factor kappa-light-chain-enhancer of activated B cells	NF- $\kappa$ B
nuclear magnetic resonance	NMR
nucleotide	nt
peroxisome proliferator-activated receptor	PPAR
phenylmethylsulfonyl fluoride	PMSF
phosphate buffered saline	PBS
polymerase chain reaction	PCR
polyunsaturated fatty acid	PUFA
prostaglandin	PG
quantitative polymerase chain reaction	qPCR
quantitative reverse transcriptase-polymerase chain reaction	qRT-PCR
radioimmunoassay	RIA
Recommended Dietary (Daily) Allowance	RDA
red blood cell	RBC
reverse transcriptase-polymerase chain reaction	RT-PCR
riboflavin 5'-phosphate	FMN
ribonucleic acid or ribonucleate	RNA
ribosylthymine 5'-mono-, -di-, and -triphosphates	TMP, TDP, and TTP
saturated fatty acid	SFA
short-chain fatty acid	SCFA
sodium chloride-sodium citrate	SSC

sodium dodecyl sulfate-polyacrylamide gel electrophoresis	SDS-PAGE
thin layer chromatography	TLC
thiobarbituric acid reactive substances	TBARS
transforming growth factor	TGF
triglyceride (triacylglycerol)	TG
tris(hydroxymethyl)aminomethane	Tris
tumor necrosis factor	TNF
uridine 5'-mono-, -di-, and -triphosphates	UMP, UDP, and UTP
ultraviolet	UV
very low density lipoprotein	VLDL

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