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List of Abbreviations

ACP	=	β -ketoacyl-acyl carrier protein
ATP	=	Adenosine triphosphate
Bq	=	Becquerel
BSA	=	Bovine serum albumin
bp	=	base pair (s)
°C	=	Degree celcius
cDNA	=	complementary DNA
Ci	=	Curie
cm	=	centimeter
cpm	=	counts per minute
dNTP	=	dATP, dCTP, dGTP, and dTTP
DEPC	=	Diethyl pyrocarbonate
DNA	=	Deoxyribonucleic acid
DTT	=	Dithiothreitol
dpm	=	disintegration per minute
<i>E. coli</i>	=	<i>Escherichia coli</i>
EDTA	=	Ethylenediamine tetraacetic acid
EtBr	=	Ethidium bromide
et al.	=	and others
g	=	gram
h	=	hour (s)
His tag	=	Histidine tag

List of Abbreviations (continued)

HMG-CoA	=	3-hydroxy-3-methylglutaryl CoA
HMGR	=	3-hydroxy-3-methylglutaryl CoA reductase
HMGS	=	3-hydroxy-3-methylglutaryl CoA synthase
<i>hmgs</i>	=	3-hydroxy-3-methylglutaryl CoA synthase gene
IPTG	=	Isopropylthiogalactoside
kb	=	kilobase (s)
kDa	=	kilodalton (s)
LB	=	Luria-Bertani (medium)
M	=	Molar
M_r	=	Molecular mass
mA	=	milliampere (s)
mM	=	millimolar
mRNA	=	Messenger ribonucleic acid
mg	=	milligram (s)
min	=	minute (s)
ml	=	milliliter (s)
μg	=	microgram (s)
μl	=	microliter (s)
μM	=	micromolar
Ni-NTA	=	Nickle-Nitrotriacetic acid
ng	=	nanogram (s)
nm	=	nanometer (s)

List of Abbreviations (continued)

nmole	=	nanomole
nt	=	nucleotide (s)
O.D.	=	optical density
ORF	=	open reading frame
PAGE	=	Polyacrylamide gel electrophoresis
PCR	=	Polymerase chain reaction
pfu	=	plaque forming unit
POPOP	=	1,4-bis[2-(5-phenyloxazolyl)] benzene 2,2-phenylene bis (5-phenyloxazole)
PPO	=	2,5-Diphenyloxazole
pmole	=	picomole
PMSF	=	Phenyl methyl sulfonyl fluoride
RNA	=	Ribonucleic acid
RNase	=	Ribonuclease
RT	=	Reverse transcriptase
rpm	=	revolution per minute
SDS	=	Sodium dodecyl sulfate
sec	=	second
SSC	=	Sodium saline citrate
TAE	=	Tris-acetate EDTA
TEMED	=	N,N,N',N',-tetramethyl-ethylenediamine
Tris-HCl	=	Tris-(hydroxymethyl)-aminoethane hydrochloric acid

List of Abbreviations (continued)

tRNA	=	transfer ribonucleic acid
U	=	unit (s)
V	=	volt (s)
v/v	=	volume per volume
w/v	=	weight per volume