

略語, 記号表

1. 脚注不要のもの

Acquired immunodeficiency syndrome	AIDS
Adenosine 3', 5'-cyclic phosphate	cAMP
Adenosine 5'-mono-, di-, and triphosphate	AMP, ADP, and ATP
Adenosine triphosphatase	ATPase
Apolipoprotein X	apo X
Base pair	bp
Body mass index	BMI
Carboxymethyl cellulose	CM-cellulose
Circular dichroism	CD
Coenzyme A and its acyl derivatives	CoA (or CoASH) and acyl-CoA
Complementary DNA	cDNA
Cyclic AMP	cAMP
Cyclic GMP	cGMP
Cytidine diphosphate choline etc.	CDP-choline etc.
Cytidine 5'-mono-, di-, and triphosphate	CMP, CDP, and CTP
Deoxyribonuclease	DNAase
Deoxyribonucleic acid or deoxyribonucleate	DNA
Diethylaminoethyl cellulose	DEAE-cellulose
Effective dose, 50%	ED ₅₀
Electron spin resonance	ESR
Enzyme-linked immunosorbent assay	ELISA
Flavin adenine dinucleotide and its fully reduced form	FAD and FADH ₂
Flavin mononucleotide and its fully reduced form	FMN and FMNH ₂
Gas chromatography	GC
Gas chromatography-mass spectrometry	GC/MS
Gas liquid chromatography	GLC
Guanosine 5'-mono-, di-, and triphosphate	GMP, GDP, and GTP
Hemoglobin	Hb
Heterogenous nuclear RNA	hnRNA
High density lipoprotein	HDL
High-performance liquid chromatography or high-pressure liquid chromatography	HPLC
Immunoglobulin	Ig
Infrared	IR
Inorganic orthophosphate	Pi
Inorganic pyrophosphate	PPi
Inosine 5'-mono-, di-, and triphosphate	IMP, IDP, and ITP
Intermediate density lipoprotein	IDL
Lethal dose, 50%	LD ₅₀
Liquid chromatography/mass spectrometry	LC/MS
Low density lipoprotein	LDL
Mass spectrometry	MS
Messenger RNA	mRNA

Nicotinamide adenine dinucleotide and its fully reduced form	NAD and NADH
Nicotinamide adenine dinucleotide phosphate and its fully reduced form	NADP and NADPH
Nuclear magnetic resonance	NMR
Nuclear RNA	nRNA
Polyacrylamide gel electrophoresis	PAGE
Poly(adenylic acid) or polyadenylate	Poly(A)
Polymerase chain reaction	PCR
Quantitative polymerase chain reaction	qPCR
Quantitative reverse transcriptase-polymerase chain reaction	qRT-PCR
Radioisotope	RI
Radioimmunoassay	RIA
Reverse transcriptase-polymerase chain reaction	RT-PCR
Ribonuclease	RNAase
Ribonucleic acid or ribonucleate	RNA
Ribosomal RNA	rRNA
Sodium dodecyl sulfate-polyacrylamide gel electrophoresis	SDS-PAGE
Thin-layer chromatography	TLC
Transfer RNA	tRNA
Tris(hydroxymethyl)aminomethane	Tris
Ultraviolet	UV
Uridine diphosphate glucose etc.	UDP-glucose etc.
Uridine 5'-mono-, di-, and triphosphate	UMP, UDP, and UTP

2. 数量の記号その他の略号および略語

重量	kg g mg μg ng pg
モル	mol μmol nmol pmol
長さ	m cm mm μm (10 ⁻⁶ m) nm (10 ⁻⁹ m) Å (10 ⁻¹⁰ m)
容積	L mL μL nL pL
濃度	M mM μM nM pM % ppm (part per million) ppb (part per billion)
時間	h (hour) min (minute) s (second)
光	A (absorbance) OD (optical density) ε (molecular coefficient)
熱・電気	cal (calorie) J (joule) W (watt) A (ampere) V (volt)
放射能	Bq (becquerel) Gy (gray) Sv (sievert) cpm (count per min) dpm (disintegration per min) R (rad)
その他	bp (boiling point) mp (melting point) D (diffusion coefficient) e (electron) IU (international unit) K _m (Michaelis constant) V _{max} (maximum velocity) SD (standard deviation)

SE (standard error)
pH (minus log of hydrogen ion concentration)
pK (minus log of dissociation constant)
rpm (revolution per min)
S_{20, w} (sedimentation coefficient at 20°C, in water)
eq (equivalent)

3. ビタミン名の略語

ビタミン名は、冒頭で下記のように定義のうえ略語を使用してもよい。

- ・ ビタミン A, ビタミン C, ビタミン D, ビタミン E, ビタミン K
→ VA, VC, VD, VE, VK
- ・ ビタミン B₁, ビタミン B₂, ビタミン B₆, ビタミン B₁₂
→ VB₁, VB₂, VB₆, VB₁₂