

Standard Abbreviations

The following abbreviations can be used without explanations. Any abbreviation with an asterisk(*) can be used even in a title.

ADP	adenosine diphosphate	hr	hour
AIDS*	acquired immunodeficiency syndrome	HTLV	human T-lymphotrophic virus
ALL	acute lymphoblastic leukemia	IgA*	immunoglobulin A
ALT	alanine aminotransferase	IgD	immunoglobulin D
AML	acute myeloid leukemia	IgE	immunoglobulin E
AMP	adenosine monophosphate	IgG*	immunoglobulin G
ANOVA	analysis of variance	IgM*	immunoglobulin M
AST	aspartate aminotransferase	IRMA*	immunoradiometric assay
ATCC	the American Type Culture Collection	IU	international unit
ATP	adenosine triphosphate	kb	kilobase
bp	base pair	LDL*	low-density lipoprotein
cAMP	cyclic adenosine monophosphate	MDS	myelodysplastic syndrome
cDNA*	complementary deoxyribonucleic acid	m/e (m/z)	mass to charge ratio
cGMP	cyclic guanosine monophosphate	MHC	major histocompatibility complex
CLL	chronic lymphocytic leukemia	min	minute
CLSI	clinical and laboratory standards institute	NAD*	nicotinamide adenine dinucleotide
CML	chronic myelogenous leukemia	NADH	reduced form of nicotinamide adenine dinucleotide
CoA	coenzyme A	NADP*	nicotinamide adenine dinucleotide phosphate
COOH	carboxyl	NADPH	reduced form nicotinamide adenine dinucleotide phosphate
CV	coefficient of variation	NH₂	amino
dATP	2'-deoxyadenosine 5'-triphosphate	NH₃	ammonia
dCTP	2'-deoxycytidine 5'-triphosphate	oligo (dT)	oligodeoxythymidine
DEAE	diethyl aminoethyl	PCR*	polymerase chain reaction
dGTP	2'-deoxyguanosine 5'-triphosphate	pH	potential of hydrogen ion
DMEM	Dulbecco's Modified Eagle's Medium	pI	isoelectric point
DNA*	deoxyribonucleic acid	pK	negative logarithm of the ionization constant of a weak acid, K _a
DNase	deoxyribonuclease	poly (A)	polyadenylation
dNTP	deoxyribonucleotide triphosphate	QC	quality control
dTTP	2'-deoxythymidine 5'-triphosphate	Rf	retardation factor
dUTP	2'-deoxyuridine 5'-triphosphate	RIA*	radioimmunoassay
EDTA*	ethylenediamine tetracetic acid	RNA*	ribonucleic acid
ELISA	enzyme linked immunosorbent assay	ROC	receiver operating characteristic
F(ab')₂	Fab fragment disulfide linked	rpm	revolution per minute
Fab	antigen-binding fragment of immunoglobulin	SD	standard deviation
FAD	flavine adenine dinucleotide	SE	standard error
FADH₂	reduced flavine adenine dinucleotide	sec	second
Fc	constant fragment	t_{1/2}	half life
FISH	fluorescence in situ hybridization	Taq	Thermus aquaticus
Hb	hemoglobin	U	unit
Hct	hematocrit	VDRL	venereal disease research laboratory
HDL*	high-density lipoprotein	WHO	world health organization
HEPES	4-(2-hydroxyethyl)-1-piperazineethanesulfonic acid	yr	year
HIV*	human immunodeficiency virus		
HLA	human leukocyte antigen		
HPLC*	high-performance liquid chromatography		