

A, ampere	HAT, hypoxanthine, aminopterin, thymidine	osmol, osmole
Å, angstrom	HBSS, Hanks' balanced salt solution	OVA, ovalbumin
aa, amino acid(s)	Hepes, <i>N</i> -2-hydroxyethylpiperazine- <i>N'</i> -2-ethanesulfonic acid	
AIDS, acquired immune deficiency syndrome	HIV, human immunodeficiency virus	PAGE, polyacrylamide gel electrophoresis
APC, antigen-presenting cell	HLA, human histocompatibility leukocyte antigens	PBL, peripheral blood lymphocyte
ATP, adenosine triphosphate (also ADP, AMP, CTP, UDP, etc.)	HPLC, high-performance liquid chromatography	PBMC, peripheral blood mononuclear cell
	HSV, herpes simplex virus	PBS, phosphate-buffered saline
bp, basepair	HTLV, human T lymphocyte virus	PCR, polymerase chain reaction
BM, bone marrow		PE, phycoerythrin
Bq, Becquerel		PFU, plaque-forming unit
BrdU, 5-bromo-2'-deoxyuridine		PHA, phytohemagglutinin
BSA, bovine serum albumin		Pipes, piperazine- <i>N,N'</i> -bis(2-ethane sulfonic acid)
	Id, idiotype	PMA, phorbol myristate acetate
C, complement	ID ₅₀ , 50% infective or inhibiting dose	PMN, polymorphonuclear leukocytes
C region, constant region of Ig	IEF, isoelectric focusing	PMSE, phenylmethylsulfonyl fluoride
cAMP, cyclic AMP	IFA, incomplete Freund's adjuvant	
cDNA, complementary DNA	IFN, interferon (e.g., IFN- γ)	r, recombinant (e.g., rIFN- γ)
CFA, complete Freund's adjuvant	Ig, immunoglobulin	R, receptor (e.g., IL-2R)
CFSE, carboxyfluorescein diacetate succinimidyl ester	IL, interleukin (e.g., IL-2)	RAG, recombination activating gene
CFU, colony-forming unit	i.m., intramuscular(ly)	RBC, red blood cell
Ci, curie	IMDM, Iscove's modified Dulbecco's medium	RFLP, restriction fragment length polymorphism
cM, centimorgan (but morgan)	i.p., intraperitoneal(ly)	RIA, radioimmunoassay
CMV, cytomegalovirus	IU, international unit	RNA, ribonucleic acid
Con A, concanavalin A	i.v., intravenous(ly)	RNase, ribonuclease
cpm, counts per minute		RT, reverse transcription
CSF, colony-stimulating factor	J region, joining region of Ig or TCR	
CTL, cytotoxic T lymphocyte	JAK, Janus kinase	
		s, second
d, day	kb, kilobase	s, sedimentation coefficient
D region, diversity region of Ig or TCR	kD, kilodalton (but dalton)	S, Svedberg unit of sedimentation coefficient
DAPI, 6'-diamidino-2-phenylindole	KLH, keyhole limpet hemocyanin	s.c., subcutaneous(ly)
DC, dendritic cell	KO, knockout	SCID, severe combined immunodeficiency
DME, Dulbecco's modified Eagle's medium		SD, standard deviation
DMEM, Dulbecco's minimum essential medium	L chain, light chain of Ig	SDS, sodium dodecyl sulfate
dpm, disintegrations per minute	LAK, lymphokine-activated killer	SE, standard error
DMSO, dimethylsulfoxide	LD ₅₀ , 50% lethal dose	SEM, standard error of the mean
DNA, deoxyribonucleic acid	LFA, lymphocyte function associated	SSC, standard saline citrate
DNase, deoxyribonuclease	LGL, large granular lymphocytes	STAT, signal transducer and activator of transcription
DNP, dinitrophenyl	LN, lymph node	
	LPS, lipopolysaccharide	<i>t</i> _{1/2} , half-life, half-time
E, erythrocyte (e.g., E-rosette)	LTR, long terminal repeat	TCA, trichloroacetic acid
EBV, Epstein-Barr virus		TCR, T cell receptor for antigen
ED ₅₀ , 50% effective dose	m, meter	TdR, thymidine deoxyribose (also, Udr, AdR, etc.)
EDTA, ethylenediaminetetraacetic acid	M, molar	TFA, trifluoroacetic acid
EGTA, ethyleneglycol-bis(β -aminoethyl ether)- <i>N,N,N',N'</i> -tetraacetic acid	mAb, monoclonal antibody	TGF, transforming growth factor
ELISA, enzyme-linked immunosorbent assay	2-ME, 2-mercaptoethanol	Th, T helper cell
ELISPOT, enzyme-linked immunospot	MEM, minimum essential medium	TLC, thin layer chromatography
ER, endoplasmic reticulum	MHC, major histocompatibility complex	TNF, tumor necrosis factor
E/T ratio, effector-target ratio	min, minute	TNP, trinitrophenyl
	ml, milliliter (but liter)	Tris, tris (hydroxymethyl) aminomethane
FACS, BD fluorescence-activated cell sorter	MLC, mixed lymphocyte culture	
FBS, fetal bovine serum	MLR, mixed leukocyte reaction	U, unit
FCS, fetal calf serum	Mls, minor lymphocyte stimulating	UV, ultraviolet
FITC, fluorescein isothiocyanate	mo, month	
FMLP, formyl-methionyl-leucyl-phenylalanine	mol, mole	V, volt
	mol wt, molecular weight	V region, variable region of Ig
g, gram	<i>M</i> _r , relative molecular mass	vol, volume
g, unit of gravity	<i>n</i> , number in study or group	
GAPDH, glyceraldehyde 3-phosphate dehydrogenase	N, normal (concentration of ionizable groups)	W, watt
GFP, green fluorescent protein	ND, not determined	wk, week
GM-CSF, granulocyte/macrophage colony-stimulating factor	NFAT, nuclear factor of activated T cells	wt, weight
	NF- κ B, nuclear factor κ B	WT, wild-type
h, hour	NK cell, natural killer cell	
H chain, heavy chain of Ig	NP-40, Nonidet P-40	yr, year
	NS, not significant	
	nt, nucleotide	
	OD, optical density	
	osM, osmolar	