

4. General abbreviations

ABTS	2,2'-azino-di-[3-ethylbenzthiazoline-sulfonate (6)]
Ac	N-acetyl
ActD	actinomycin D
ALT	alanine aminotransferase
AP	alkaline phosphatase
APAAP	alkaline phosphatase anti-alkaline phosphatase
APES	aminopropyl-triethoxysilane
BCIP	5-bromo-4-chloro-3-indolyl phosphate
B-CLL	chronic lymphocytic leukemia (B-type)
Bio	biotin
BrdU	5-bromo-2'-deoxyuridine
BSA	bovine serum albumin
CAM	camptothecin
Con A	concanavalin A
cpm	counts per minute
CTL	cytotoxic T lymphocytes
DAB	3,3'-diaminobenzidine
DES	diethylstilbestrol
DX	dexamethasone
ELISA	enzyme-linked immunosorbent assay
Fab	protease-generated antibody fragments
F(ab')₂	protease-generated antibody fragment
FACS	fluorescence activated cell sorter
FAQs	frequently asked questions
FITC	fluorescein isothiocyanate
FLUOS	5(6)-carboxyfluorescein-N-hydroxysuccinimide ester
FSC	forward light scatter
G₀	resting phase
G₁	gap between mitosis and DNA synthesis
G₂	gap between DNA synthesis and mitosis
h	hour
HMW DNA	high molecular weight DNA
HSV	herpes simplex virus type I antigen
[³H]-TdR	tritiated thymidine (2'-deoxy)
ICE	interleukin-1 β -converting enzyme
INT	2-[4-iodophenyl]-3-[4-nitrophenyl]-5-phenyltetrazolium chloride
INV-A	influenza A virus antigen
INV-B	influenza B virus antigen
INV-KA	influenza control antigen
ISNT	in situ nick translation
kD	kilodalton
LAK cells	lymphokine-activated killer cells
LDH	lactate dehydrogenase
LMW DNA	low molecular weight DNA
LSC	liquid scintillation counting
M-phase	mitosis
MTP	microtiter plate
MTT	3-[4,5-dimethylthiazol-2-yl]-2,5-diphenyltetrazolium bromide

NBT	4-nitro-blue tetrazolium chloride
NK cells	natural killer cells
OKT3	anti-CD3 monoclonal antibody
PARP	poly(ADP-ribose) polymerase
PBL	peripheral blood lymphocytes
PBS	phosphate buffered saline
PFA	paraformaldehyde
PHA	phytohemagglutinin
PI	propidium iodide
PMS	phenazine methosulfate
pNA	4-nitranilide
POD	peroxidase
PS	phosphatidylserine
PVDF	polyvinylidene difluoride
PWM	pokeweed mitogen
ref.	reference
rlu/s	relative light units/second
RT	room temperature
RUV	rubella virus antigen
SA	streptavidin
SAC	Staphylococcus aureus Cowan I
SN	supernatant
SOD	superoxide dismutase
S-phase	DNA synthesis (replication)
SSC	side light scatter
TdR	thymidine
TdT	terminal deoxynucleotidyltransferase
TMB	tetramethylbenzidine
TNF	tumor necrosis factor
TRITC	tetramethylrhodamine isothiocyanate
TUNEL	terminal deoxynucleotidyltransferase-mediated dUTP nick end labeling
WST-1	4-[3-(4-iodophenyl)-2-(4-nitrophenyl)-2H-5-tetrazolio]-1,3-benzene disulfonate
X-dUTP	hapten-labeled deoxyuracil triphosphate
X-dNTP	hapten-labeled deoxynucleoside triphosphate
XTT	2,3-bis[2-methoxy-4-nitro-5-sulfophenyl]-2H-tetrazolium-5-carboxanilide
Z	carbobenzyoxy



Amino acids

Name	3-letter	1-letter
Alanine	Ala	A
Arginine	Arg	R
Asparagine	Asn	N
Aspartic Acid	Asp	D
Cysteine	Cys	C
Glutamic Acid	Glu	E
Glutamine	Gln	Q
Glycine	Gly	G
Histidine	His	H
Homoserine	Hse	-
Isoleucine	Ile	I
Leucine	Leu	L
Lysine	Lys	K
Methionine	Met	M
Methionine sulfoxide	Met (O)	-
Methionine methylsulfonium	Met (S-Me)	-
Norleucine	Nle	-
Phenylalanine	Phe	F
Proline	Pro	P
Serine	Ser	S
Threonine	Thr	T
Tryptophan	Trp	W
Tyrosine	Tyr	Y
Valine	Val	V
α -aminoisobutyric acid	Aib	-

