

Common Abbreviations

2D	two-dimensional
3D	three-dimensional
aa	amino acid(s)
Ab	antibody
Act c 1, 2	nomenclature of kiwi fruit allergens (<i>Actinidia chinensis</i>)
Api g 1-5	nomenclature of celery allergens (<i>Apium graveolens</i>)
Ara h 1-7	nomenclature of peanut allergens (<i>Arachis hypogaea</i>)
Bos d 4, 5, 6, 7, 8	nomenclature of cow's milk allergens (<i>Bos domesticus</i>)
C	concentration of N,N'-methylenebisacrylamide (crosslinker)
Cas s 1, 5	nomenclature of chestnut allergens (<i>Castanea sativa</i>)
CAST	cellular antigen stimulation test
CCD	cross-reactive carbohydrate determinants
CICBAA	Cercle d'Investigations Cliniques et Biologiques en Allergologie Alimentaire (France)
CIE	crossed immunoelectrophoresis
CNBr	cyanogen bromide
cIEF	capillary isoelectric focussing
CLA	cutaneous lymphocyte antigen
CLIE	crossed line immunoelectrophoresis
CMA	cow's milk allergy
CRIE	crossed radioimmunolectrophoresis
Cor a 1	nomenclature of hazel pollen allergens (<i>Corylus avellana</i>)
Cyn d 1	nomenclature of bermuda grass pollen allergens (<i>Cynodus dactylus</i>)
DBPCFC	double-blind, placebo-controlled food challenge
DEAE	diethylaminoethyl (cellulose) (anion exchanger)
DNA	deoxyribonucleic acid
DTT	dithiothreitol
EAST	enzyme allergosorbent test
EC	enzyme classification system
EDTA	ethylenediaminetetraacetic acid, disodium salt
ELISA	enzyme linked immunosorbent assay
EW	egg white
FEIA	fluorescence enzyme immunosorbent assay
Fuc	fucose
Gad c 1	nomenclature of baltic cod allergen (<i>Gadus callarias</i>)
Gal	galactose
Gal d 1-5	nomenclature of egg allergens (<i>Gallus domesticus</i>)
GlcN	glucosamine
GlcNAc	N-acetylglucosamine
Gly m 1, 2, 3	nomenclature of soybean allergens (<i>Glycine max</i>)
GST	glutathione-S-transferase
Hel a 1-2	nomenclature of sunflower allergens (<i>Helianthus annuus</i>)
Hev b 1-10	nomenclature of latex allergens (<i>Hevea brasiliensis</i>)
HLA	human leucocyte antigen

Hol l 1	nomenclature of sweet velvet grass allergens (<i>Holcus lanatus</i>)
HPLC	high performance liquid chromatography
HPS	hydrophobic protein of soybean
HR	Histamine Release
IEC	ion exchange chromatography
IEF	isoelectric focussing
Ig	immunoglobulin
IL	interleukin
INF-gamma	interferon-gamma
LFC	labial food challenge
Lol p 1	nomenclature of rye grass allergens (<i>Lolium perenne</i>)
LTA4	leukotriene A4
LTB4	leukotriene B4
LTC4	leukotriene C4
LTP	lipid transfer protein
LY	lysozyme
Man	mannose
Mal d 1, 2, 3	nomenclature of apple fruit allergens (<i>Malus domestica</i>)
MALDI-MS	matrix-assisted laser-induced desorption/ionization mass spectrometry
MAST	multiple allergen sorbent test
MHC	major histocompatibility complex
Mr	molecular mass
Mus a 1	nomenclature of banana allergens (<i>Musa spp.</i>)
NeuNAc	N-acetylneuraminic acid
NMR	nuclear magnetic resonance (spectroscopy)
NPV	negative predictive value
NRL	natural rubber latex
OA	ovalbumin
OAS	oral allergy syndrome
OM	ovomuroid
Ory s 1	nomenclature of rice allergens (<i>Oryza sativa</i>)
OT	ovotransferrin
PAGE	polyacrylamide gel electrophoresis
PBMC	peripheral blood mononuclear cells
PBS	phosphate buffered saline
Phl p 1	nomenclature of timothy grass allergens (<i>Phleum pratense</i>)
pI	isoelectric point
PCA	passive cutaneous anaphylaxis (test)
PCR	polymerase chain reaction
PK test	Prusnitz-Küstner test
PPT	prick to prick test (skin test with fresh foods)
PPV	positive predictive value
Prs a 1 (Pers a 1)	nomenclature of avocado allergens (<i>Persea americana</i>)
Pru av 1, 2, 4	nomenclature of sweet cherry allergens (<i>Prunus avium</i>)
Pru p 3	nomenclature of peach allergens (<i>Prunus persica</i>)

PVDF	polyvinyliden difluoride
PVPP	polyvinyl polypyrrolidone
RAST	radioallergosorbent test
RBL cells	rat basophil leukaemia cells
RIEP	radioimmuno-electrophoresis
RNA	ribonucleic acid
RT	room temperature
SAFT	skin application food test
SBPCFC	single-blind placebo-controlled food challenge
SDS	sodium dodecylsulfate
SEC	size exclusion chromatography
Ses i 1	nomenclature of sesame allergens (<i>Sesamum indicum</i>)
SPT	skin prick test
T	total acrylamide concentration
TCC	T-cell clone
TCL	T-cell line
TGF-beta-1	transforming growth factor beta-1
TH	thermolysin
TNF-alpha	tumor necrosis factor alpha
TR	trypsin
Tris	tris-(hydroxymethyl)aminomethane
WgA	wheat germ agglutinin
Xyl	xylose

Abbreviations of DNA-encoded Amino Acids

Alanine	Ala	A	Leucine	Leu	L
Arginine	Arg	R	Lysine	Lys	K
Asparagine	Asn	N	Methionine	Met	M
Aspartic acid	Asp	D	Phenylalanine	Phe	F
Cysteine	Cys	C	Proline	Pro	P
Glutamine	Gln	Q	Serine	Ser	S
Glutamic acid	Glu	E	Threonine	Thr	T
Glycine	Gly	G	Tryptophan	Trp	W
Histidine	His	H	Tyrosine	Tyr	Y
Isoleucine	Ile	I	Valine	Val	V