

Laboratory Abbreviation List – Post in Lab

The following abbreviations and common acid/base formulas can be used in laboratories for labeling of containers:

Abbreviation	Product Full Name	CAS No.	Hazard (HMIS)
			* Carcinogen
ABTS	2,2'-Azino-bis(3-ethylbenzothiazoline-6-sulfonic acid) diammonium salt	30931-67-0	1,0,0
ACN	Acetonitrile	75-05-8	2,3,0
BSA	Bovine serum albumin	9048-46-8	1,0,0
CAPS	3-(Cyclohexylamino)-1-propanesulfonic acid	1135-40-6	2,0,0
DAPI	4',6-Diamidino-2-phenylindole	28718-90-3	1,0,0
DCM	Dichloromethane	75-09-2	*2,0,0
DEAE	N,N-Diethylethanolamine	100-37-8	3,2,0
DEPC	Diethyl pyrocarbonate	1609-47-8	2,1,0
DMEM	Dulbecco's Modified Eagle medium	OSUP0496	0,0,0
DMF	N,N-Dimethylformamide	68-12-2	3,2,0
DMSO	Dimethyl sulfoxide	67-68-5	1,1,0
DTE	1,4-Dithioerythritol	6892-68-8	1,0,0
DTT	Dithiothreitol	3483-12-3	2,0,0
EDTA	Ethylenediaminetetraacetic acid	60-00-4	1,0,0
EGTA	Ethylene glycol bis(2-aminoethyl ether)-N,N,N'-tetraacetic acid	67-42-5	0,0,0
EtBr	Ethidium bromide	1239-45-8	4,0,0
EtOH	Ethanol	64-17-5	0,3,0
H ₂ O	Water (MQ = milli-Q, DI = distilled)	7732-18-5	0,0,0
H ₂ SO ₄	Sulfuric acid	7664-93-9	2,0,0
H ₃ PO ₄	Phosphoric acid	7664-38-2	2,0,0
HCl	Hydrochloric acid	7647-01-0	2,0,0
HEPES	N-2-Hydroxyethylpiperazine-N-2-ethansulfonic acid	7365-45-9	1,0,0
HNO ₃	Nitric acid	7697-37-2	2,0,2
HOAc or HAc	Acetic acid	64-19-7	2,2,0
IPTG	Isopropyl β-D-1-thiogalactopyranoside	367-93-1	0,0,0
KOH	Potassium hydroxide	1310-58-3	2,0,0
MeOH	Methanol	67-56-1	3,3,0
MES	2-(N-morpholino)ethanesulfonic acid	4432-31-9	1,1,0
MOPS	3-(N-Morpholino)propanesulfonic acid	1132-61-2	1,0,0
NaOAc	Sodium acetate	127-09-3	1,0,0
NaOH	Sodium hydroxide	1310-73-2	2,0,0
PBS	Phosphate buffered saline	OSUP0496	0,0,0
PEG	Polyethylene glycol	25322-68-3	0,0,0
PIPES	Piperazine-N,N'-bis-2-ethanesulfonic acid	5625-37-6	0,0,0
PMSF	Phenylmethanesulfonyl fluoride	329-98-6	3,0,2
SDS	Sodium dodecyl sulfate	151-21-3	2,1,0
TAE	TRIS-Acetate-EDTA buffer	OSUB0095	0,0,0
TB	Terrific broth	OSUL0004A	0,0,0
TBE	TRIS-Borate-EDTA buffer	OSUB0095	0,0,0
TBS	TRIS buffered saline	OSUB0095	0,0,0
TCA	Trichloroacetic acid	76-03-9	2,0,0

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TE	Tris-EDTA buffer	OSUB0095	0,0,0
TEMED	N,N,N',N'-Tetramethylethylenediamine	110-18-9	3,3,0
TES	N-tris(hydroxymethyl)methyl-2-aminoethane sulfonic acid	7365-44-8	0,0,0
TFA	Trifluoroacetic acid	76-05-1	2,0,0
THF	Tetrahydrofuran	109-99-9	1,3,1
TRIS	Tris-(hydroxymethyl) aminomethane	77-86-1	1,0,0
TWEEN	Polyethylene glycol sorbitan monolaurate	9005-64-5	0,0,0

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