

UMB EHS Approved Chemical Abbreviation List

This list cannot be amended by lab personnel in any way, including changing abbreviations or adding to the list. If these abbreviations are used in the lab, this sign must be posted at all entrances. Abbreviations cannot be used on hazardous waste labels. Any questions or concerns can be directed to EHS at (410) 706-7055.

<u>Abbreviation</u>	<u>Chemical Name</u>
2YT/DYT	Yeast extract and tryptone media
Amp	Ampicillin
APS	Ammonium persulfate
BPB	Bromophenol Blue
BSA	Bovine serum albumin
CAPS	3-(Cyclohexylamino)-1-propanesulfonic acid
DAPI	4',6-Diamidino-2-phenylindole
DEAE	N,N-Diethylethanolamine
DEPC	Diethyl pyrocarbonate
DI H2O/H2O	Deionized water/water
DMEM	Dulbecco's Modified Eagle medium
DMF	N,N-Dimethylformamide
DMSO	Dimethyl sulfoxide
DTT	Dithiothreitol
EDTA	Ethylenediaminetetraacetic acid
EGTA	Ethylene glycol bis(2-aminoethyl ether)-N,N,N',N'-tetraacetic acid
EtBr	Ethidium bromide
EtOH	Ethanol
FBS/FCS	Fetal Bovine Serum/Fetal Calf Serum
IPA	Isopropyl alcohol, 2-propanol
IPTG	Isopropyl β -D-1-thiogalactopyranoside
LB	Luria-Bertani medium with tryptone, yeast extract, agar, tris and sodium chloride salts
MeOH	Methanol
MES	2-(N-morpholino)ethanesulfonic acid
MOPS	3-(N-Morpholino)propanesulfonic acid
PAGE	Polyacrylamide gel electrophoresis solution
PBS	Phosphate buffered saline
PEG	Polyethylene glycol
PIPES	Piperazine-N,N'-bis-2-ethanesulfonic acid
PMSF	Phenylmethanesulfonyl fluoride
SDS	Sodium dodecyl sulfate
SOB	Medium for bacterial culture with tryptone, yeast extract, sodium chloride
SOC	Medium for bacterial culture
SSC	Sodium chloride/sodium citrate buffer solution
TAE	TRIS-Acetate-EDTA buffer
TB	Terrific broth
TBE	TRIS-Borate-EDTA buffer
TBS	TRIS buffered saline
TE	Tris-EDTA buffer solution
TEMED	N,N,N',N'-Tetramethylethylenediamine
TRIS	Tris-(hydroxymethyl) aminomethane