

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