# 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 Mofidied 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'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 |
| **$H_2O$** | Water (MQ = milli-Q, DI = distilled) | 7732-18-5 | 0,0,0 |
| **$H_2SO_4$** | Sulfuric acid | 7664-93-9 | 2,0,0 |
| **$H_3PO_4$** | 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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| Abbreviation | Product Full Name | CAS No. | Hazard (HMIS) |
|---|---|---|---|
| **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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