

LIST OF COMMONLY USED ABBREVIATIONS

<b>BUFFERS</b>	<i>(all solutions are water based)</i>
Cathode	Tris-Tricine Polyacrylamide Gel Electrophoresis Running Buffer
K3PO4	Potassium Phosphate buffer soluton
Na3PO4	Sodium Phosphate buffer soluton
PAGE	polyacrylamide gel electrophoresis buffer
PBS	Phosphate buffered saline
RUNNING	sodium dodecyl sulfate, glycine, tris buffer
SDS-PAGE	sodium dodecyl sulfate, polyacrylamide gel electrophoresis buffer
Separating	Tris-Glycine Polyacrylamide Separating Gel Electrophoresis Buffer
SSC	saline-sodium citrate buffer
SSPE	saline-sodium phosphate EDTA buffer
Stacking	Tris-Glycine Polyacrylamide Stacking Gel Electrophoresis Buffer
TAE	Tris-Acetic acid-EDTA buffer
TBS	Tris-Buffered Saline
TBST	Tris-Buffered Saline and Tween 20
TE	Tris-EDTA buffer
Transfer	Tris-Glycine Western Blotting Transfer Buffer
<b>MEDIA</b>	
2xYT	Yeast Extract Tryptone
LB	Luria-Bertani
LB Agar	Luria Borth - Agar Media
M9	M9 Medium Broth
SBG	Dehydrated Media—R2A Agar to Sulfite Agar
SOB	Super Optimal Broth
SOC	SOB medium (Super Optimal Broth) that contains glucose
<b>CHEMICALS</b>	
BSA	Bovine Serum Albumin
D2O	Deuterium Oxide
Destain	Polyacrylamide Gel Destaining Solution: Isopropanol + Acetic Acid
DMSO	Dimethylsulfoxide
EDTA	Ethylene Diamine Tetra Acetic Acid
EGTA	Ethylene Glycol-bis(β-aminoethylether)-N,N,N',N'-Tetraacetic Acid
EtOH	Ethanol
H2O	Water
HAc	Acetic Acid
HCl	Hydrochloric Acid
HEPES	4-(2-Hydroxyethyl)piperazine-1-ethanesulfonic acid or N-(2-Hydroxyethyl)piperazine-N'-(2-ethanesulfonic acid)
MeOH	Methanol
MOPS	3-(N-Morpholino)propanesulfonic acid or 4-Morpholinepropanesulfonic acid
NaAc	Sodium Acetate
NaCl	Sodium Chloride
NaOH	Sodium Hydroxide
NH4Cl	Ammonium Chloride
PEG	Poly Ethylene Glycol
SDS	Sodium Dodecyl Sulfate
TMAC	Tetramethylammonium chloride
TRIS	2-Amino-2-(hydroxymethyl)-1,3-propanediol or Tris(hydroxymethyl)aminomethane or Tris Base