# ABRIDGED GENETIC ENGINEERING SEQUENCE LABORATORY REAGENTS

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|---|---|---|
| 1.1 Micropipette Use | **RD** | Red dye solution |
| 1.2 Gel Electrophoresis | **RD** | Red dye solution |
| | **S1** | Dye solution 1 |
| | **S2** | Dye solution 2 |
| | **S3** | Dye solution 3 |
| | **1x SB** | 1x sodium borate buffer |
| 2A Plasmid Restriction | **2.5xB** | 2.5x restriction buffer |
| | **RP** | pARA-R plasmid |
| | **RE** | Restriction enzymes BamHI and HindIII |
| | **$dH_2O$** | Distilled water |
| 4A Verification | **R–** | Nondigested pARA-R from *Laboratory 2A* |
| | **R+** | Digested pARA-R from *Laboratory 2A* |
| | **LD** | Loading dye |
| | **M** | DNA ladder (marker) |
| | **1x SB** | 1x sodium borate buffer |
| 5A Transformation | **RP** | pARA-R plasmid |
| | **LB** | Luria Broth |
| | **CC** | Chilled competent *E. Coli* cells |
| | **amp** | Ampicillin |
| | **ara** | Arabinose |
| 6A Cell Lysis | **EC** | LB/amp/ara culture of *E. coli* cells |
| | **EB** | Elution buffer |
| | **LyB** | Lysis buffer |
| 6B Protein Separation | **EC** | Lysed cells from *Laboratory 6A* |
| | **BB** | Binding buffer |
| | **WB** | Wash buffer |
| | **EB** | Elution buffer |
| | **CEB** | Column equilibration buffer |