

## SDS-PAGE Protocol

Eric Klein 11/17/16

### SDS-Running Buffer (10X): Recipe for 1 L

0.25M Tris- 30.3 g

1.9M glycine- 142.6g

1% SDS- 10 g

### Transfer Buffer for PVDF: Recipe for 1 L

25 mM Tris- 3.03 g

192 mM glycine- 14.4 g

20% methanol- 200 ml

### Transfer Buffer for Nitrocellulose (20X): 1 L

0.25 M Tris- 30.3 g

2 M glycine- 150.1 g

### TBS (10X): Recipe for 1 L

0.2 M Tris- 24.2 g

0.5 M NaCl- 29.2 g

25 mM EDTA- 50 ml 0.5M stock solution

Adjust pH to 7.5 (Add approximately 13.5 ml HCl)

### Wash Buffer (TBS-T): Recipe for 1 L

TBS (10X)- 100 ml

Water- 900 ml

Tween 20- 1ml