**Running Gel Buffer (1.5 M Tris pH 8.8, 0.4% SDS) (500 ml)**

91.05 g Trisbase

200 ml MQ

Add HCl until pH 8.8

Add 10 mL 20% SDS

Adjust volume with MQ to 500 ml

* Store at RT

**Stacking Gel Buffer (0.5 M Tris Ph 6.8, 0.4% SDS) (500 ml)**

30.35 g Trisbase

200 ml MQ

Add HCl until pH 6.8

Add 10 mL 20% SDS

Adjust volume with MQ to 500 ml

* Store at RT

**Running Buffer (1L)**

100 ml 10x TGS (Tris-Glycine-SDS)

900 ml MQ

**Transfer Buffer (1L)**

700 ml MQ

200 ml Methanol 100%

100 ml 10x TG (Tris-Glycine)

**PBS-T (1x PBS; 0.05% Tween-20)**

100 ml PBS 10x

900 ml MQ

0.5 ml Tween-20

**Blocking Buffer (1x PBS + 0.05% Tween-20 + 5% Marvel skimmed milk) – 50 ml**

2.5 g milk powder

50 ml PBS-T

**Laemmli Loading Buffer 6x (50 ml)**

35 mL 0,5M Stacking buffer ph 6,8

5 g SDS

15 ml Glycerol 100%

6 mg Bromophenol blue (just a drop)

500 µl Beta-Mercapto-ethanol

🡪 Store at RT (always add new B-ME!) - 50µL/mL)

**10% APS**

0.1 g APS (Ammonium persulphate)

1 mL MQ
🡪 Store at -20°C (don’t prepare more than 1 ml, it is better to prepare fresh for each use)