(numbers in brackets are for making small gels)

**10% Gel 12% Gel 7.5% Gel**

15.5mL H2O (7.8mL) 13.5mL H2O 16.875mL H2O

7.5mL lower gel buffer (3.75mL) 7.5mL lower gel buffer 7.5mL lower gel buffer

7mL acrylamide (3.5mL) 9mL acrylamide 5.625mL acrylamide

112.5uL 10% APS (60uL) 112.5uL 10% APS 112.5uL 10% APS

33.75uL TEMED (17uL) 33.75uL TEMED 33.75uL TEMED

**Upper (Stacking) Gel**

6.4mL H2O (3.2mL)

2.5mL upper gel buffer (1.3mL)

1.125mL acrylamide (0.6mL)

30uL 10% APS (15uL)

20uL TEMED (10uL)