

## Bradford Protein Assay

Prep Standards:

Concentration	uL of 1mg/mL stock BSA	uL H <sub>2</sub> O
0	0	500
0.05	25	475
0.1	50	450
0.2	100	400
0.3	150	350
0.4	200	300

Can be stored at 4°C for 3-4 months

Keep 1mg/mL stock at -20°C

1. In 96-well plate pipet 5 $\mu$ L of standards into 2 wells each
2. Dilute sample in H<sub>2</sub>O 1:5-1:20 (protein dependant).
3. Pipet 5  $\mu$ L of diluted sample into 3 wells each-make sure to vortex each sample before adding to plate
4. Prepare Bradford Reagent (from Biorad cat# 500-0006) by combining 12.25 mL H<sub>2</sub>O with 2.75 mL reagent in 15mL conical tube.
5. Pipet 200  $\mu$ L of Bradford reagent into each well.
6. Read on plate reader