|  |  |  |
| --- | --- | --- |
| Dilution | BSA Protein Concentration | Absorbance at 595 nm |
| 1 (concentrated) | 2 mg/mL | 1.772 |
| 1:2 | 1 mg/mL | 1.416 |
| 1:4 | 0.5 mg/mL | 0.827 |
| 1:8 | 0.25 mg/mL | 0.507 |
| Blank | 0 mg/mL | 0.00 |

Y=0.8435x+0.2718

0.891

0 mg/mL to 2 mg/mL

Differences may come from unequal mixing when pipetting up and down causing the concentrations to be off

C, 1.38