

## Measurement of Total Protein by a Spectrophotometer

### Question

Using a spectrophotometer, you determine the protein concentration of a sample. The only problem is that you do not know the exact relationship between absorbance and protein concentration. You have a standard curve that you can use to determine the relationship.

### Task

Protein Concentration (mg/ml)	Absorbance
0	0.000
10	0.150
20	0.300
30	0.450
40	0.600
50	0.750
60	0.900
70	1.050
80	1.200
90	1.350
100	1.500

### Standard Curve