

## Measurement of Total Protein by Spectrophotometry

### Question

Using a standard curve, determine the total protein content of the sample. Express your answer in mg/dL. Round your answer to the nearest whole number. Do not include units in your answer.

### Table

Standard Protein Concentration (mg/dL)	Optical Density (OD)
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
110	1.650
120	1.800
130	1.950
140	2.100
150	2.250
160	2.400
170	2.550
180	2.700
190	2.850
200	3.000

### Standard Curve Equation