

Enzyme Kinetics: Problem Set #5, question #4

Given in the problem:

1) Chymotrypsin $\mu\text{g/ml}$ =

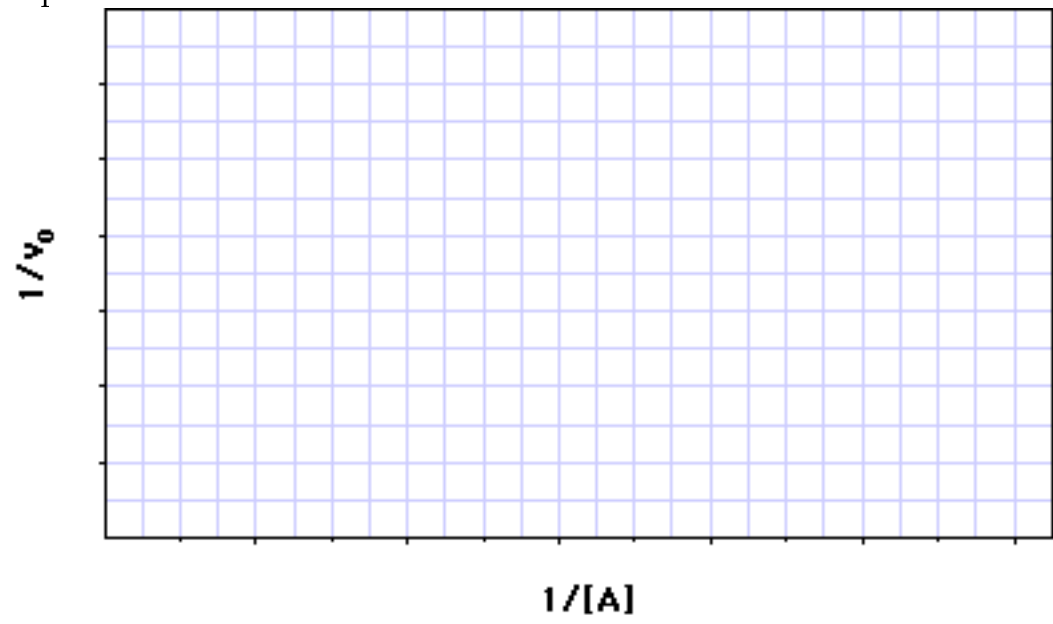
2) M_r =

Calculated [Chymotrypsin] =

What was found in the experiment:

[S] (mM)	v_o (mM/min)	1/[S] (mM ⁻¹)	1/ v_o (min/mM)
-			
-			
-			
-			
-			
-			
-			
-			
-			
-			
-			
-			
-			
-			
-			
-			
-			
-			
-			
-			
-			

Graph of the calculated results:



The K_M = ____.
The V_{max} = ____.
The k_{cat} = ____.