$$V = kIE][S]$$

$$VE = vS = k_2 - k_1$$

$$VES = -k_3$$

$$vP = vE = k_3$$

$$8.2 [E]_{i} = I_{M}M$$

$$[S]_{i} = I_{0}MM$$

$$IES_{i} = IP_{i} = D$$

$$k_{1} = (00/MM/m_{1}n_{1}, k_{2} = 600/m_{1}n_{1}, k_{3} = 150/m_{1}n_{1}$$

 $E+S \stackrel{k_1}{\rightleftharpoons} ES \stackrel{k_3}{\Longrightarrow} E+P$

8-1 By law of mass action