

Hb F: Problem Set #4, question #5  
 Given in the problem:

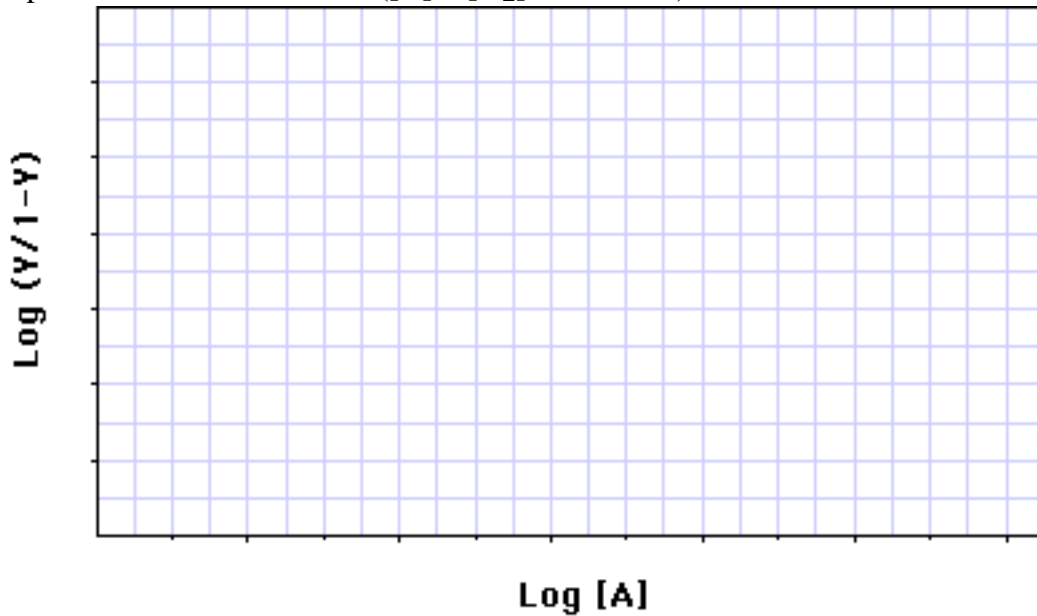
- 1) Hb F  $\mu\text{g/ml}$  =
- 2)  $M_r$  =

Calculated [Hb F] =  $\mu\text{M}$ .

What was found in the experiment:

[O <sub>2</sub> ] <sub>added</sub> ( $\mu\text{M}$ )	[O <sub>2</sub> ] <sub>bound</sub> ( $\mu\text{M}$ )	[O <sub>2</sub> ] <sub>free</sub> ( $\mu\text{M}$ )	Y	log[O <sub>2</sub> ]	log(Y/1-Y)
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Graph of the calculated results ([A] = [O<sub>2</sub>] in this case):



The observed  $K_d$  = \_\_\_\_\_.

The Hill coefficient,  $n_H$  = \_\_\_\_\_.