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The results: super high $\rightarrow$ no decrease in presence of increasing avidin.

Re try with - New bio 5-fluorescein

- Amount of paper (1000x less bio)

• Prep 1.0 $\mu\text{g/ml}$ bio 5-fluorescein from 5 $\mu\text{g/ml}$

$$1 \mu\text{g/ml} \cdot V_1 = 1 \mu\text{g/ml} \cdot (1200 \mu\text{l})$$

$$V_1 = 120 \mu\text{l} + 1080 \mu\text{l PBS}$$

stock

$$1000 \mu\text{g/ml} \cdot V_1 = 10 \mu\text{g/ml} \cdot (1000 \mu\text{l})$$

$$V_1 = 10 \mu\text{l stock} + 990 \mu\text{l PBS}$$

$$5000 \mu\text{g/ml} \cdot V_1 = 1000 \mu\text{g/ml} \cdot (100 \mu\text{l})$$

$$V_1 = 20 \mu\text{l stock} + 80 \mu\text{l PBS}$$

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