

NAME: _____

Quiz 13

1. To purify fumarase, the authors use ion exchange chromatography. They report the buffer composition of the protein solution to application to the ion exchange resin. Why might experimentalists want/need to know the exact buffer composition to successfully repeat this ion exchange step?

2. The authors did not use dialysis (as we did) to make sure that the protein solution was desalted and in the exact appropriate buffer conditions prior to ion exchange chromatography. How did the authors remove salt and exchange buffer for their protein solution?

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