Pre-Lab Exercises

Lab #5: Paper-based Microfluidics

MIT Nanomaker_Spring 2013

1) **Read the Scientific American article on microfluidics.**

2) **What types of experiments can you perform with microfluidics? List three consumer products that use microfluidics.**

3) **In this lab we'll be creating microfluidics on paper using a commercial printer: what is the highest resolution available for a consumer laserjet or inkjet printer? What might limit printer resolution?**

4) **What might be the advantages/disadvantages of using paper microfluidics compared to the technologies described in the Scientific American article?**

Weekly Challenge: Create the smallest MIT logo that you possibly can. You may use whatever you'd like, but *it must be recognizable*. http://web.mit.edu/graphicidentity/logo/forprint.html

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