

Dried-down Reagents on a Microfluidic Chip for LATE-PCR Amplification and Detection of Single-stranded DNA

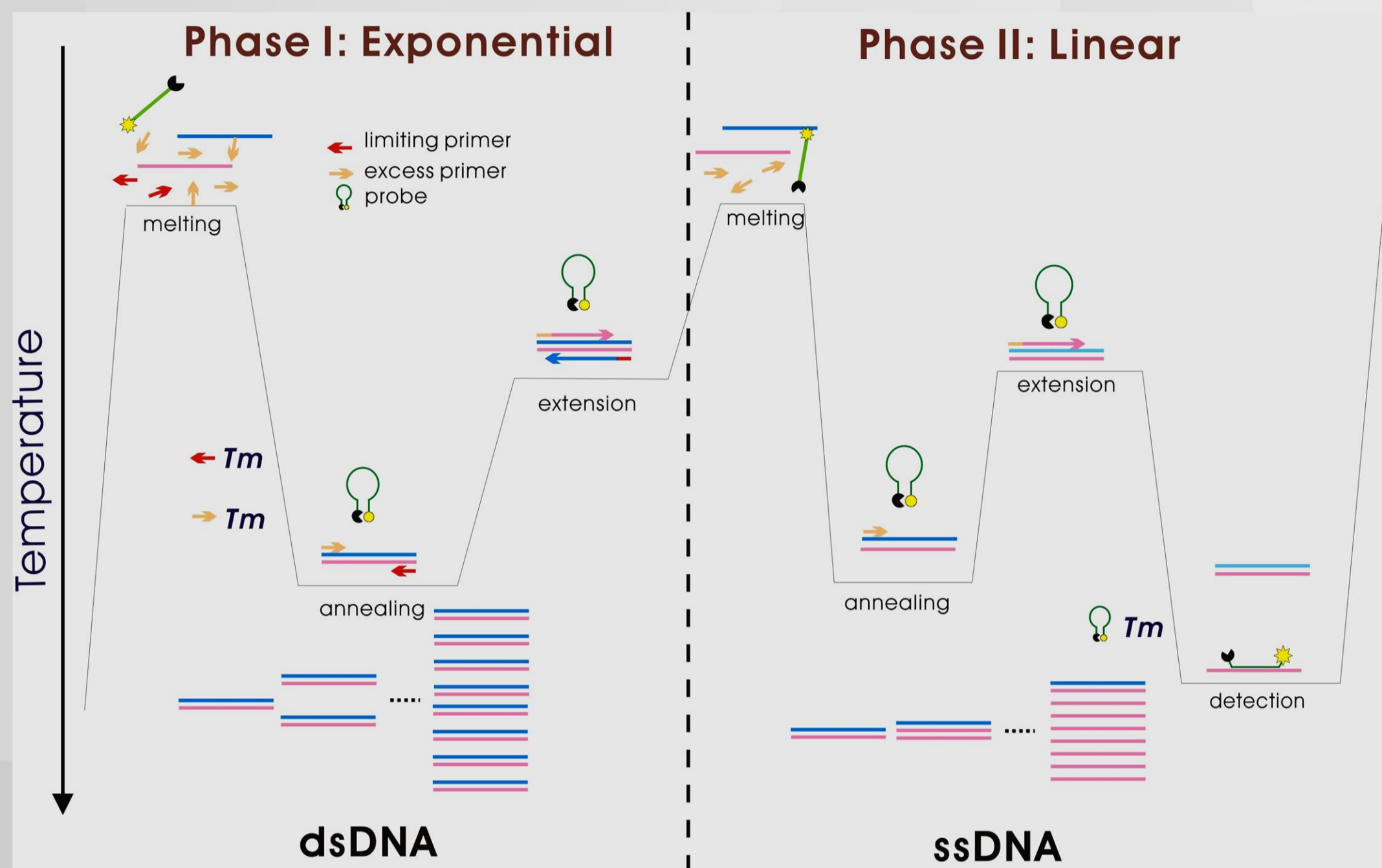
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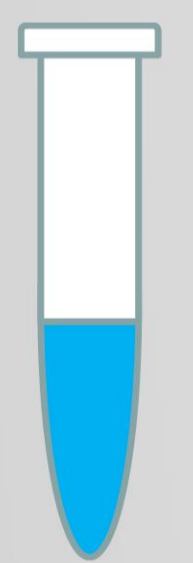
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LATE-PCR

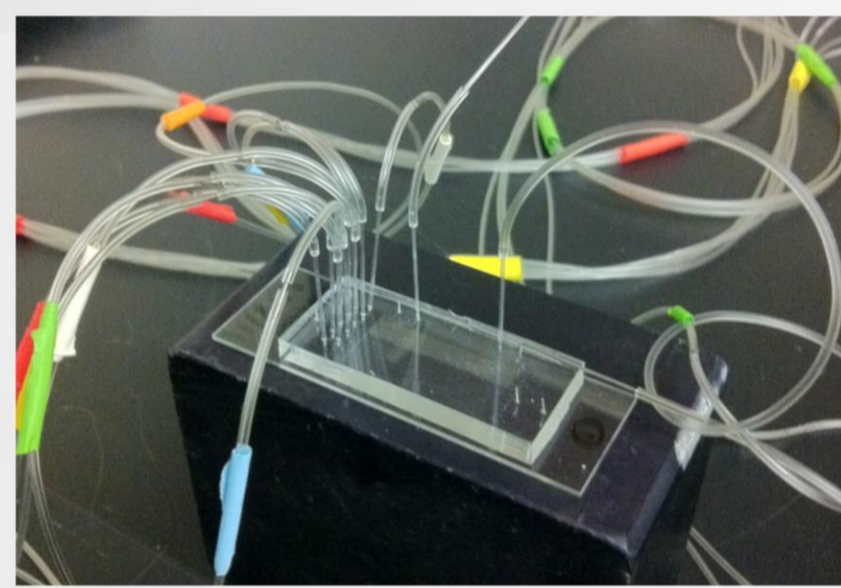


Objectives

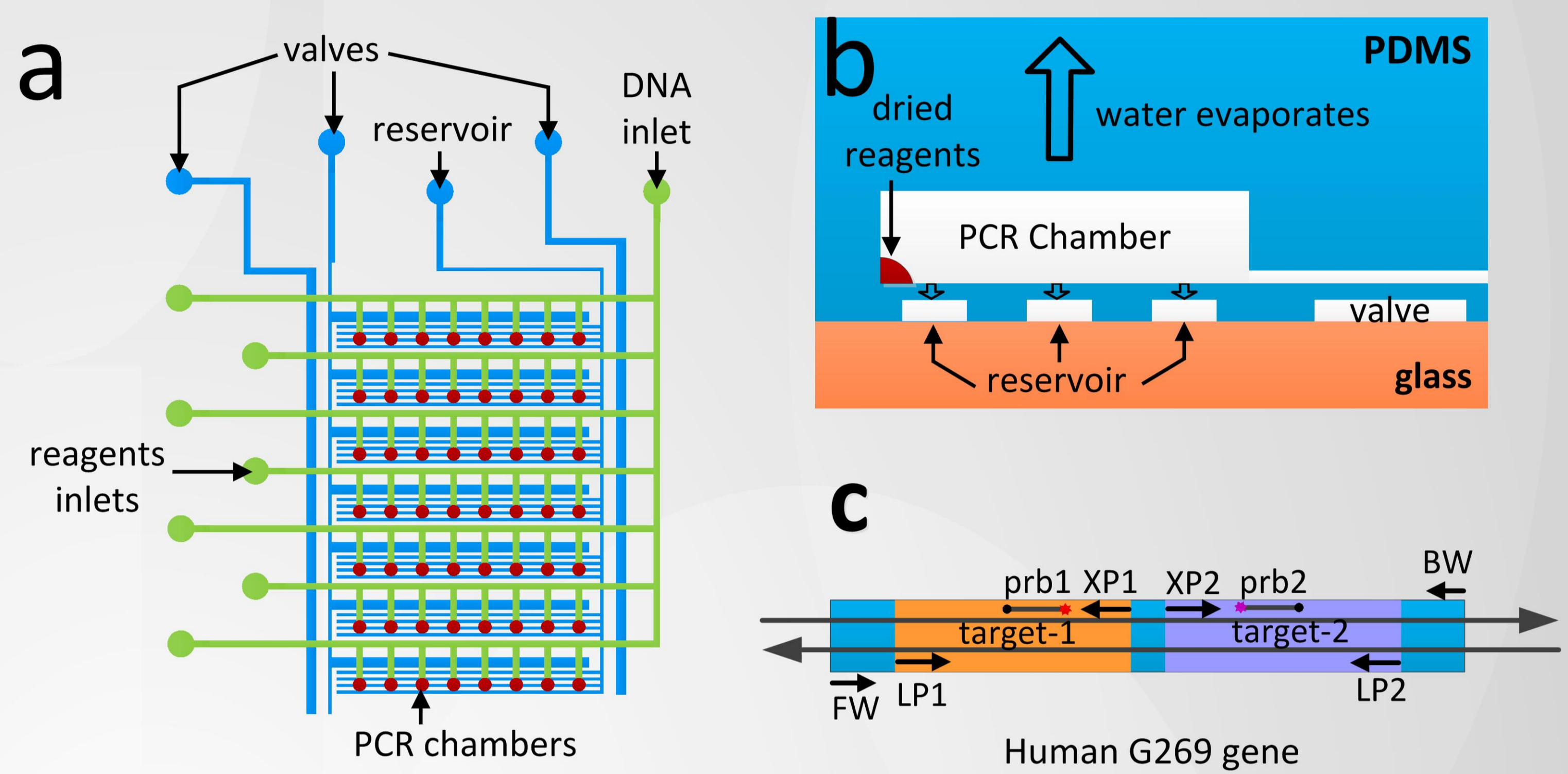
Now
25 μ L tube



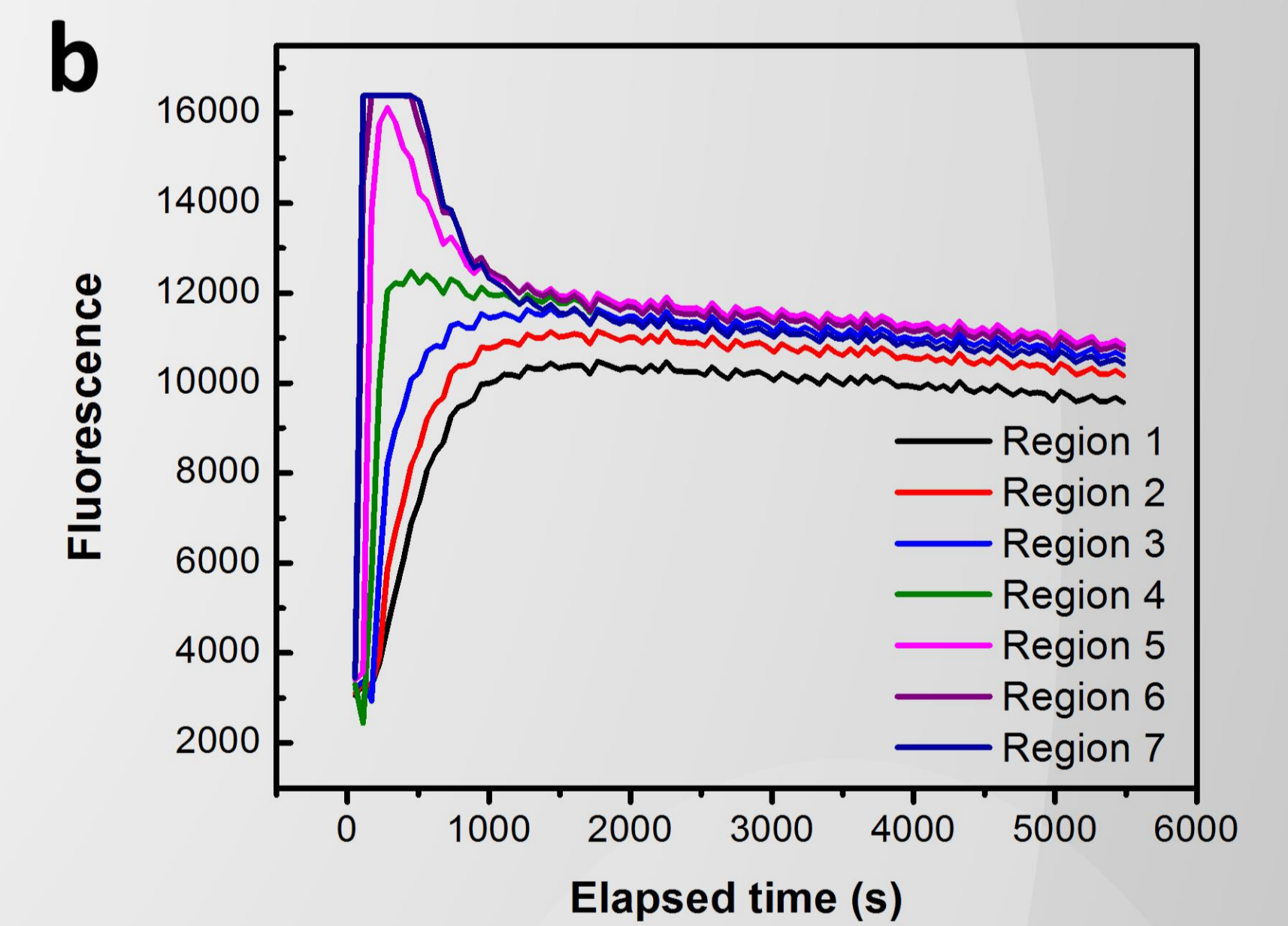
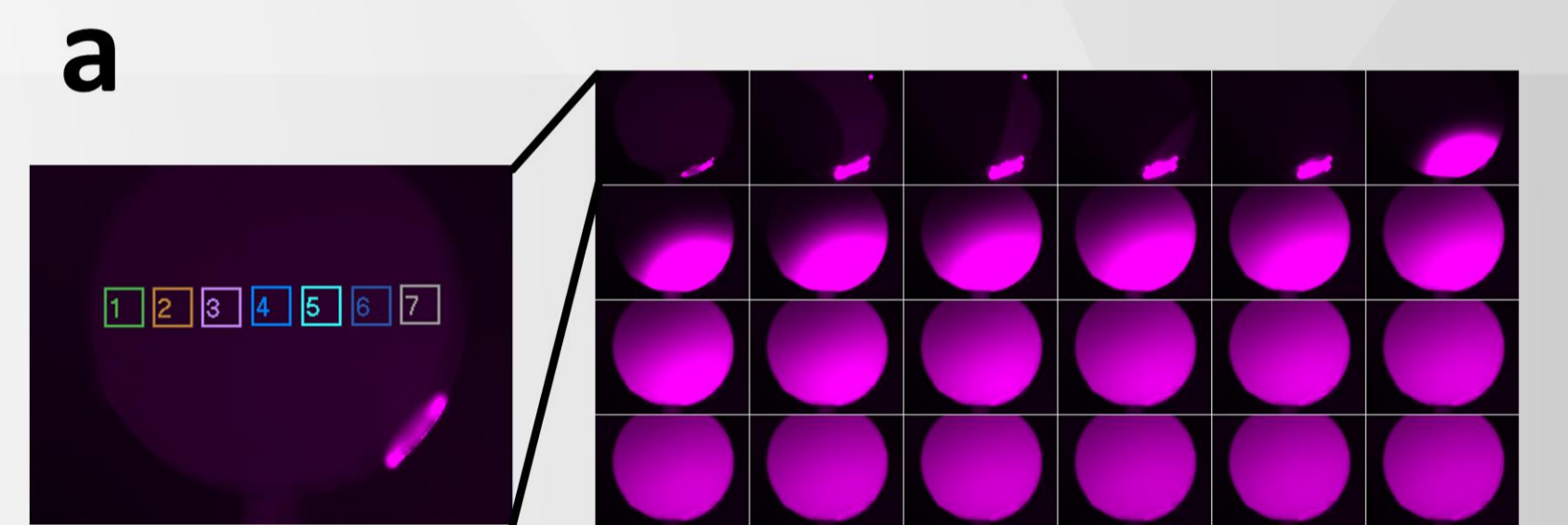
Future
1 nL well



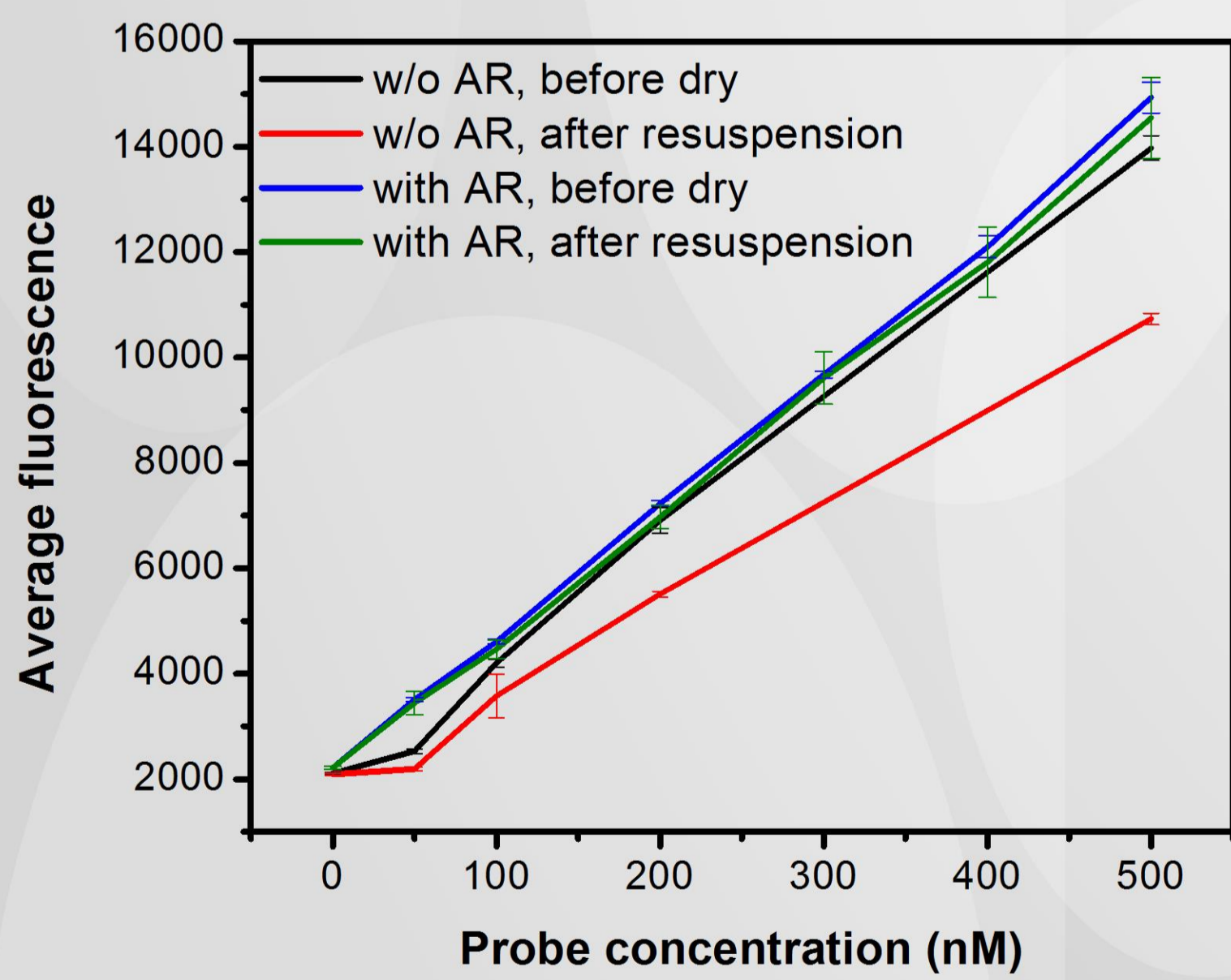
Experimental Design



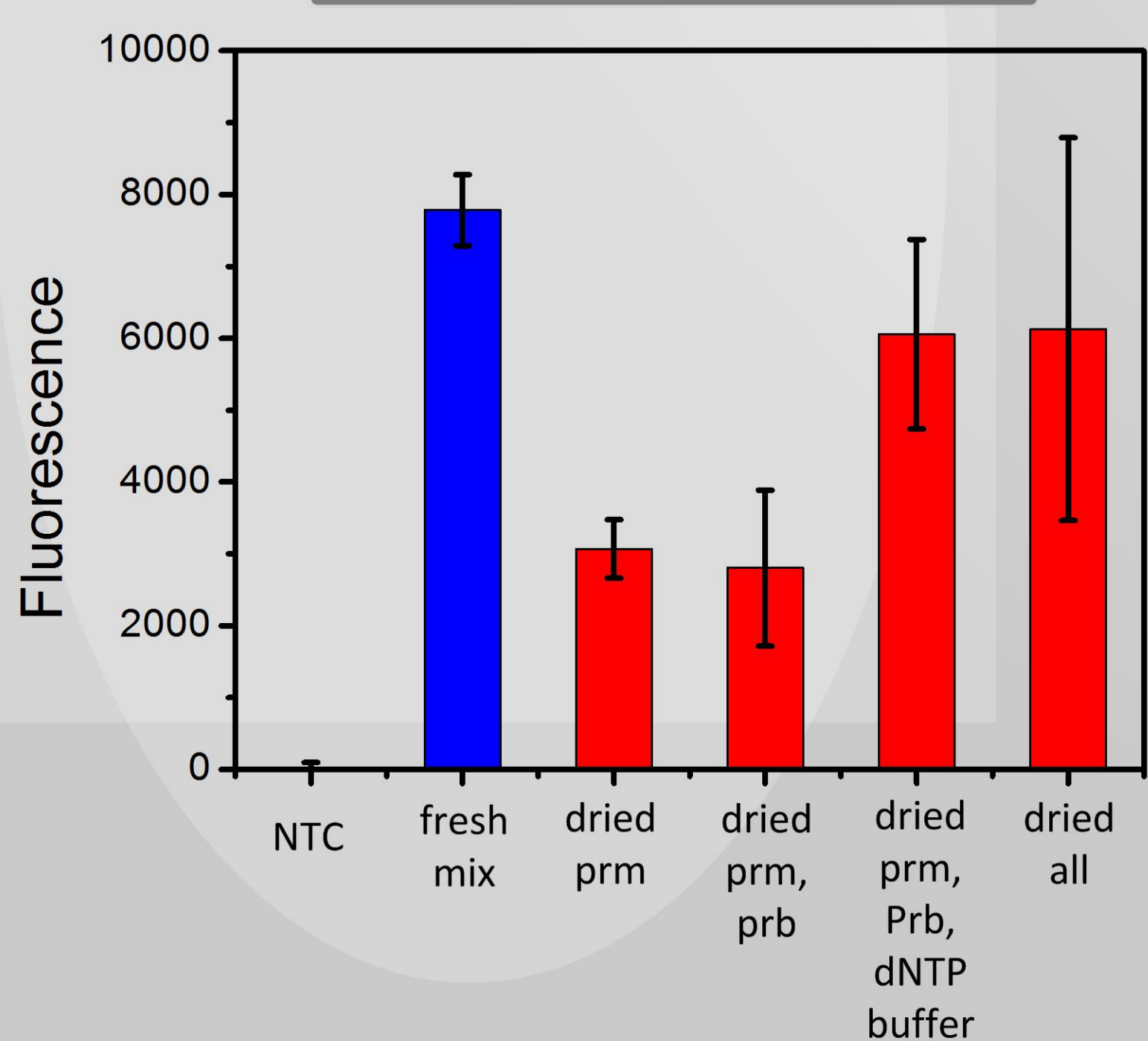
How Fast Dried Reagents Resuspend?



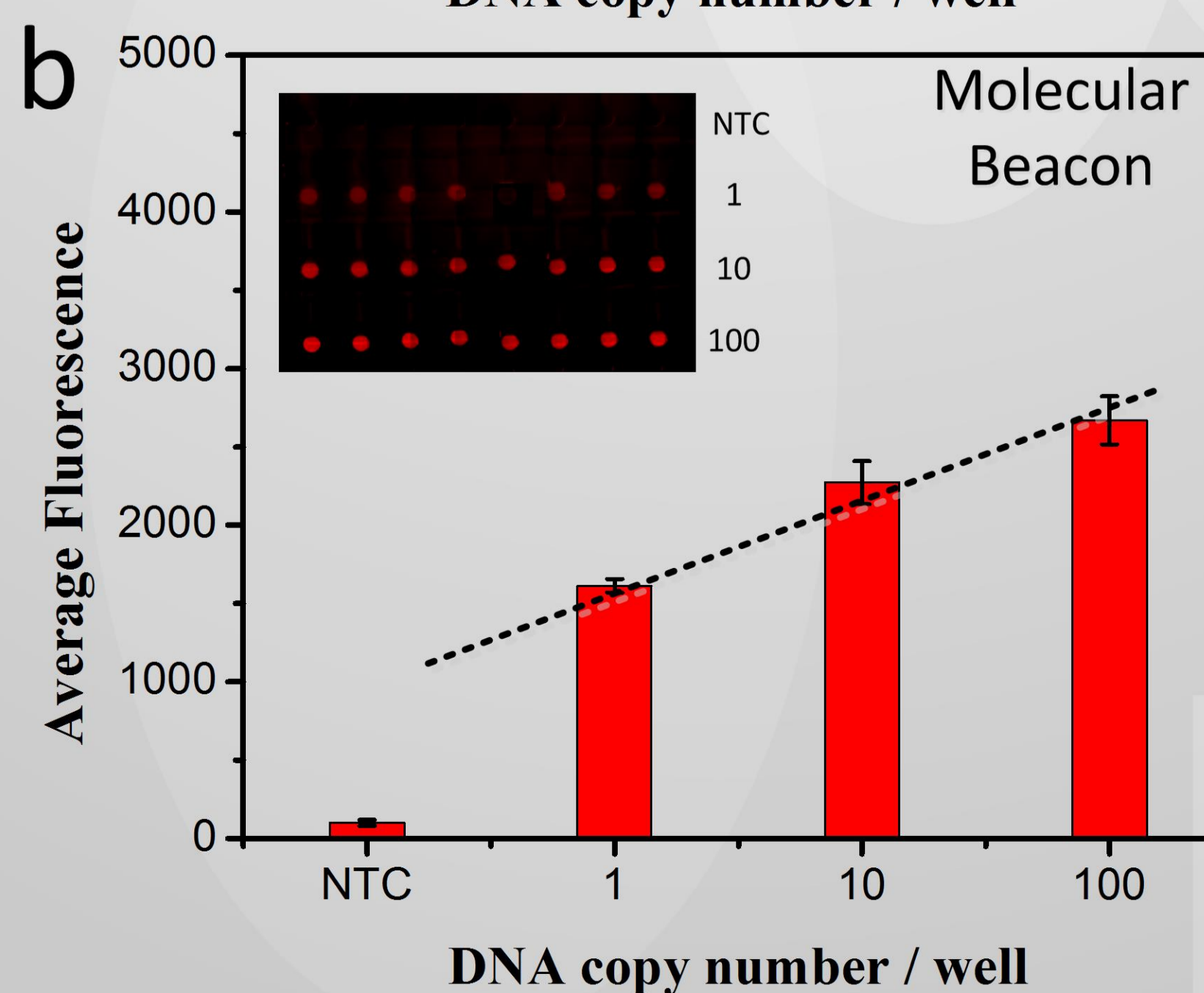
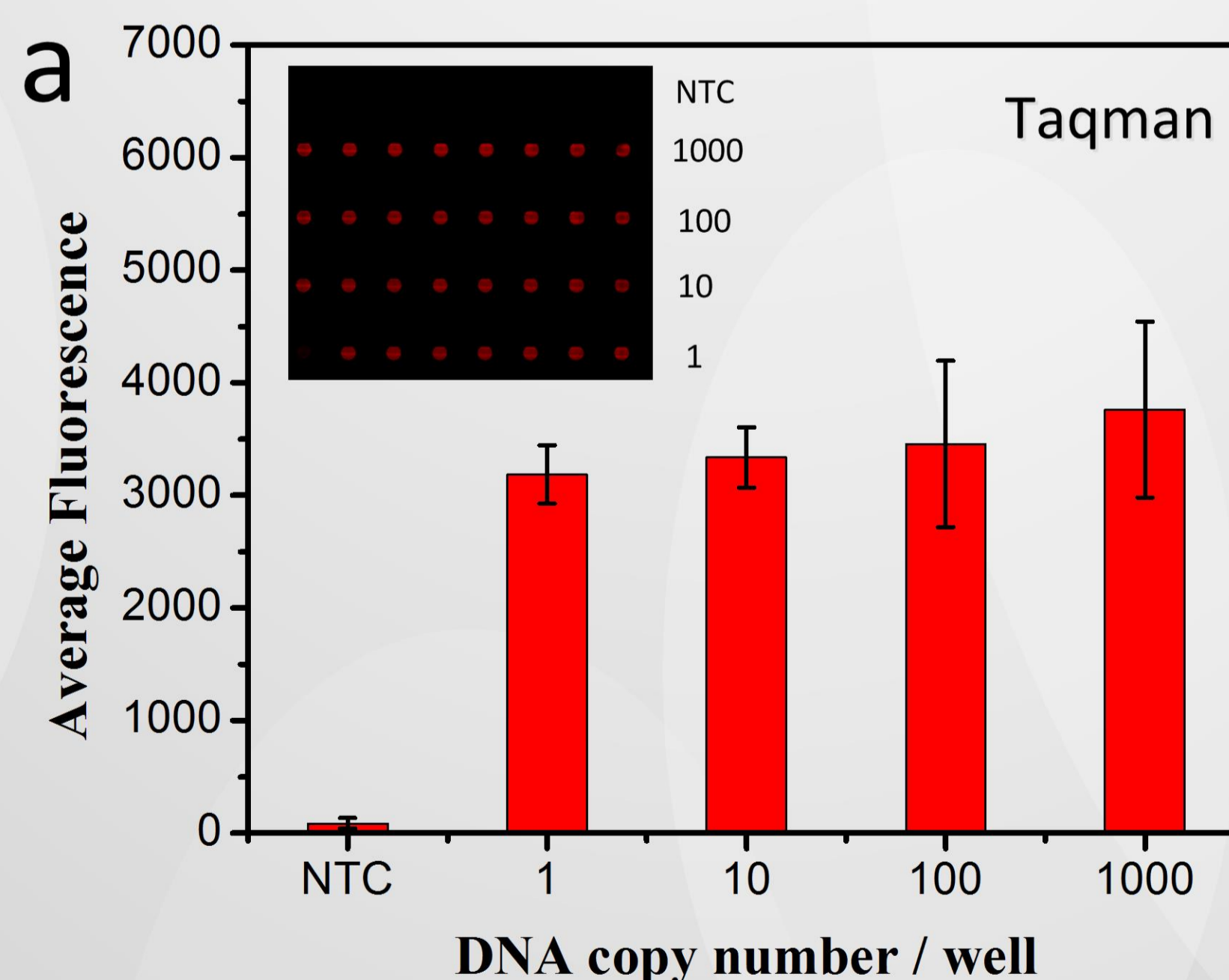
Additive Reagents for Drying and Resuspending



What can be Dried?



Taqman Probe vs. Molecular Beacon Probe



Multiplex Competition

