FMB cDNA Printing Buffer

Catalog number: CSP01, 02, 03

Overview

FMB cDNA Printing Buffer is designed for dissolving cDNA, PCR products, and other long nucleic acids used to fabricate oligo microarrays. The buffer is suitable for printing cDNA arrays on a variety of substrates/slides. It has been optimized to maximize the performance of Full Moon BioSystems's cDNA Microarray Slides. The buffer works to enhance spot morphology, increase target attachment efficiency, and reduce the rate of sample evaporation.

Component: cDNA Printing Buffer

Storage condition: Room temperature

Protocol

The recommended concentration of PCR products in printing buffer: 0.25 μg/μL.

1. Calculate the amount of oligo printing buffer needed for the experiment.
2. Aliquot the appropriate amount of FMB cDNA Printing Buffer.
3. Dissolve target cDNA in cDNA Printing Buffer to a final concentration of 0.25 μg/μL.
4. Transfer the targets in printing buffer to a 96 or 384 spotting plate with ~20 μL/well.
5. Gently shake the plate to bring liquids to the bottom of wells, or quickly centrifuge the plate.
6. Set up array spotter and printing slides according to manufacturer's protocol.

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