

Microarray spotting

Place poly-L-lysine covered glass slides (ERIE SCIENTIFIC COMPANY No.:C40-5257-M20) on Spotting robot SPBIO II.

Label glass slides with a diamond-tip engraving pen with a pertinent name.

Blow away dust with pressurized air.

Spot relevant probes from storing plates. Save spot information with SPBIO II software.

After spotting treat microarray as follows:

- Denature 10" at 95°C (Preheat a metal plate on a thermal cycler 10 minutes before)
- UV Cross-link with 410 mj
- Incubate 2 hours at 70°C

Store microarrays in a dry place until hybridization (microarrays can be kept for a year without losing hybridization quality)