

Microfluidics Lithography 2: UV Exposure and Development

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Abstract



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Before start

This protocol is derived from

[Reference: Processing guidelines for permanent epoxy negative photoresist SU8 2025, SU8 2035, SU8 2050 and SU8 2075, MicroChem company]

Protocol

UV exposure

Step 1.

Most of the microfluidics laboratories use mask aligners for patterned UV exposure on photoresist coated wafers.

NehirBT uses maskless UV laser lithography device made by local friend companies.

The microfluidic channel patterns are sketched by any design software and converted into gcode to be transferred on photoresist.



