

## Fabrication of a Biofilter Using Anodic Reaction for Filtering Blood

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In this paper, we describe the fabrication of a biofilter using a porous layer formed by an anodic reaction of (110) silicon to increase the width of pores and decrease the width of the walls between pores. The filter was fabricated from micropores formed through post-treatment and membrane structure formation. The fabricated filter, combined with a polydimethylsiloxane (PDMS) module and a filter structure, can be loaded with a lab-on-a-chip for filtering blood.

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