

Article

3D Printed Hydrogel Microneedle Arrays for Interstitial Fluid Biomarker Extraction and Colorimetric Detection

Mahmood Razzaghi ¹, Amir Seyfoori ¹, Erik Pagan ¹, Esfandiyar Askari ¹, Alireza Hassani Najafabadi ² and Mohsen Akbari ^{1,2,3,*}

¹ Laboratory for Innovations in Microengineering (LiME), Department of Mechanical Engineering, University of Victoria, Victoria, BC V8P 5C2 Canada

² Terasaki Institute for Biomedical Innovations, Los Angeles, CA 90050, USA

³ Biotechnology Center, Silesian University of Technology, Akademicka 2A, 44-100 Gliwice, Poland

* Correspondence: makbari@uvic.ca

Support information

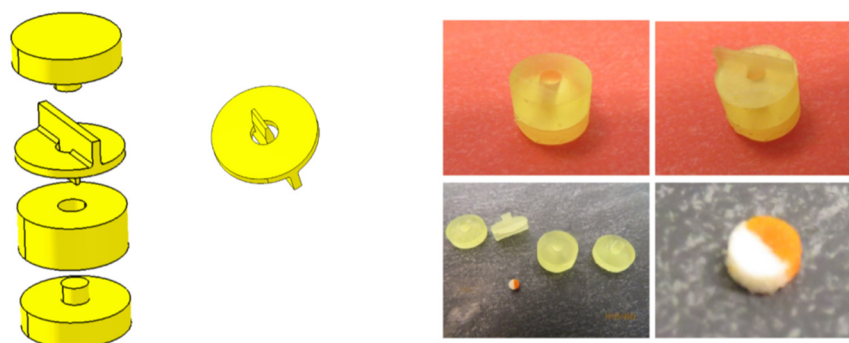


Figure S1. A 3D printed device set for making the multiplexed sensor.