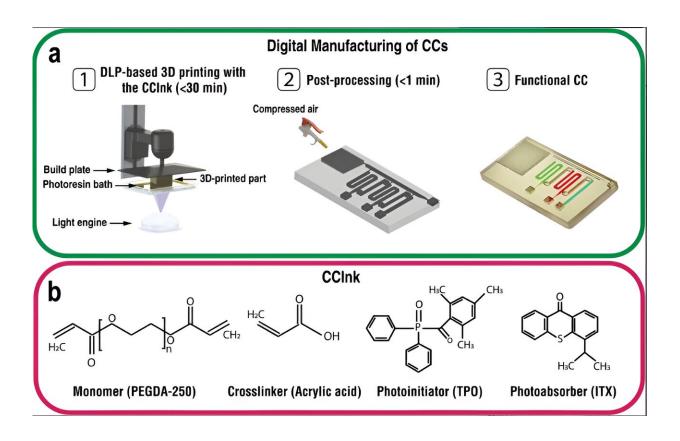


Made-to-order diagnostic tests may be on the horizon: Researchers invent lab on a chip that can be 3D-printed in minutes

November 29 2023



Digital manufacturing (DM) of functional capillaric circuits (CCs) using an intrinsically hydrophilic ink (CCInk). a) 1) Additive manufacturing of CCs from a digital design file using a light engine and layer-by-layer vat photopolymerization. 2) Removal of uncured CCInk under a stream of compressed air (



Citation: Made-to-order diagnostic tests may be on the horizon: Researchers invent lab on a chip that can be 3D-printed in minutes (2023, November 29) retrieved 13 May 2024 from https://medicalxpress.com/news/2023-11-made-to-order-diagnostic-horizon-lab-chip.html

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.