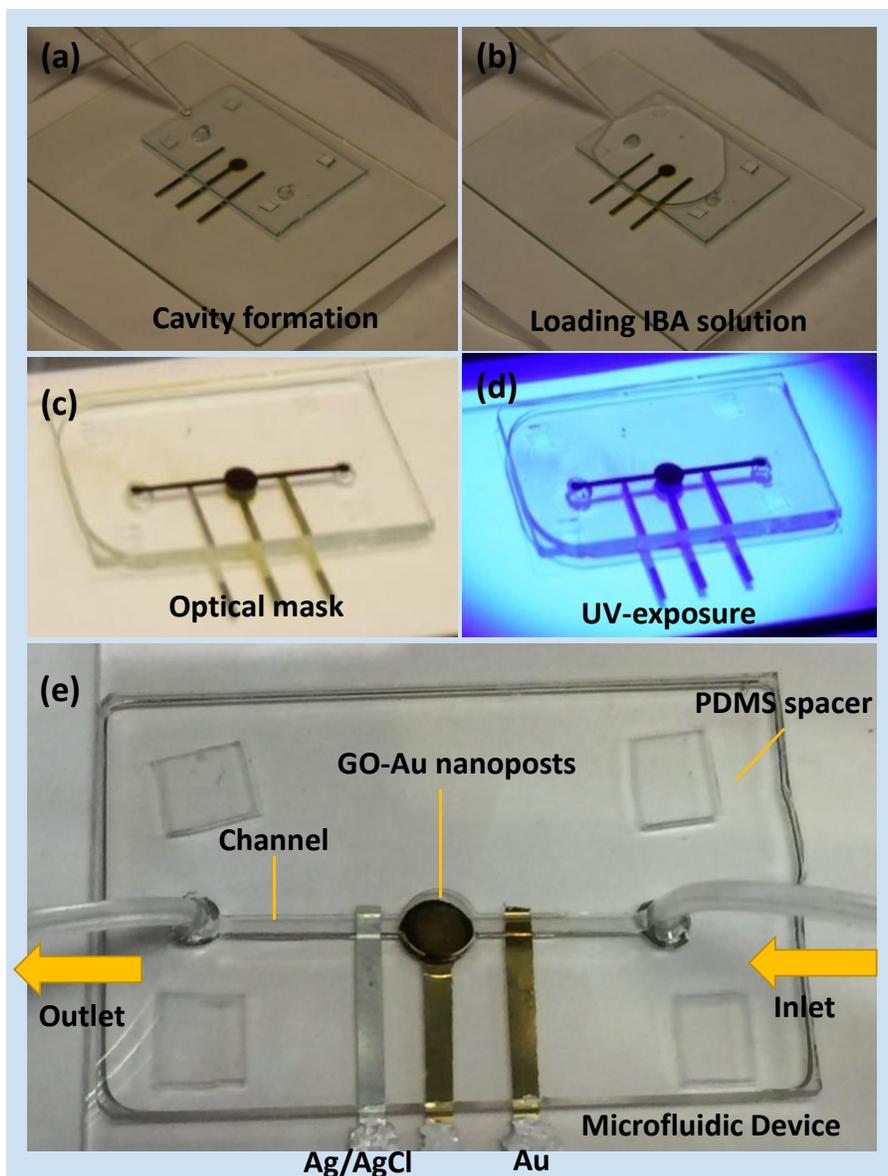


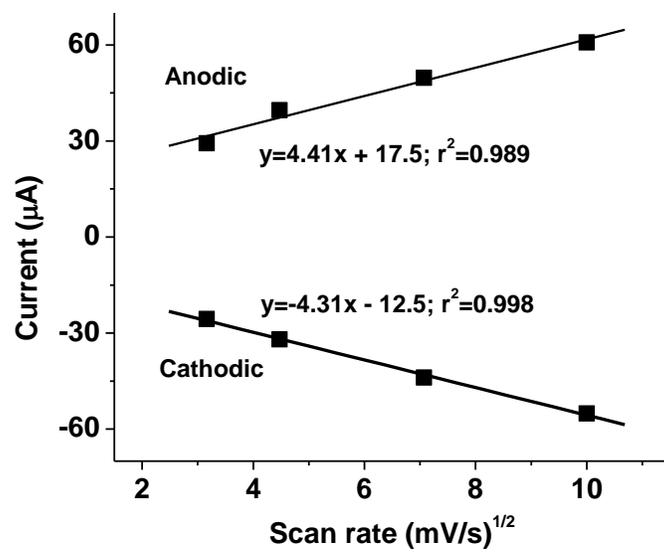
# Supporting Information

## **Integrated Dual-Modality Microfluidic Sensor for Biomarker Detection Using Lithographic Plasmonic Crystal**

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**Figure S1.** (a-e) Schematic representation of the main steps for 3D GO-Au nanoposts, Ag/AgCl and Au electrodes into a microfluidic channel using *in-situ* liquid phase polymerization process. (e) Photograph of the fabricated sensor with microfluidic channel and tubes for liquid flow.



**Figure S2.** The plot showing the current vs root square of scan rate (10-100 mV/s) for anodic and cathodic peak currents.