

Supplementary data

Improved detection sensitivity of γ -aminobutyric acid based on graphene oxide interface on an optical microfiber

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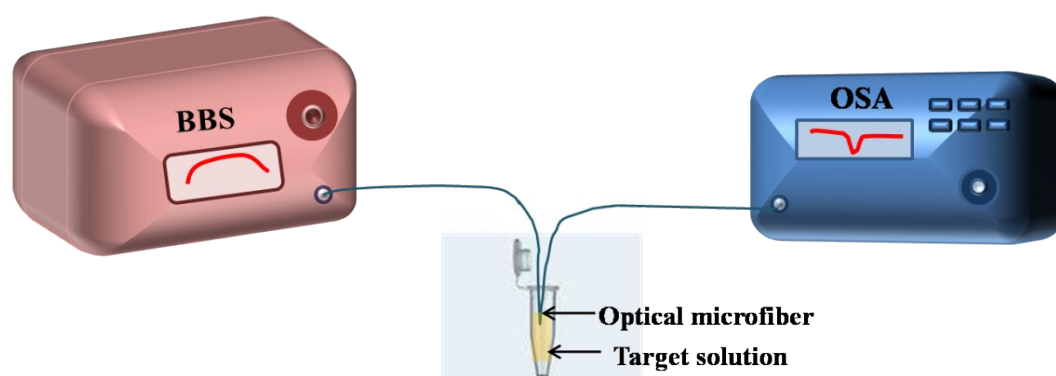


Fig. S1. Pictorial representation of the optical setup for measuring the spectra of optical microfiber.

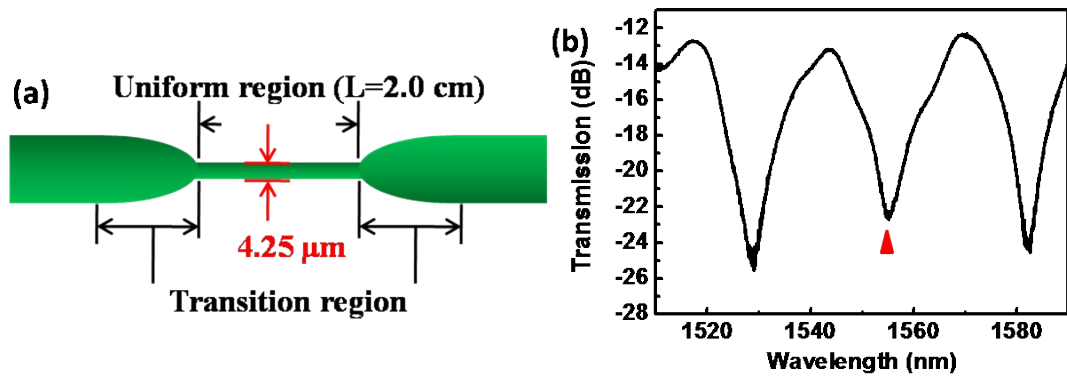


Fig. S2. (a) Schematic geometry and (b) transmission spectrum of the silica microfiber interferometer

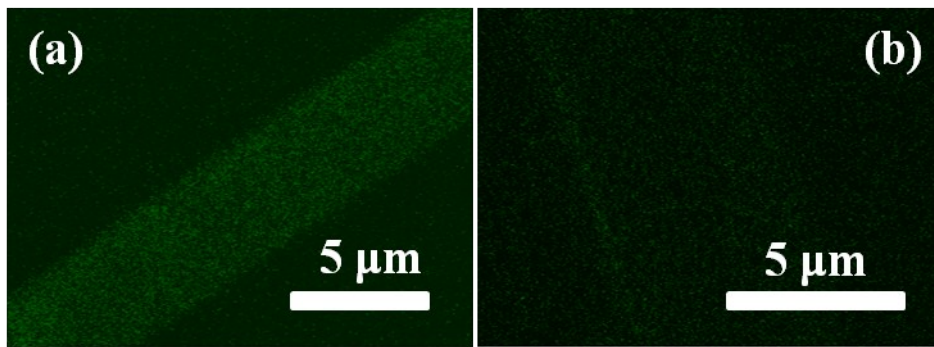


Fig. S3. Laser confocal images of the sensor surface with fluorescently-labeled bio-recognition coating (a: without GO interface; b: with GO interface).