

Supplementary information

An optical biosensing strategy based on selective light absorption and wavelength filtering from chromogenic reaction

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Figure S1

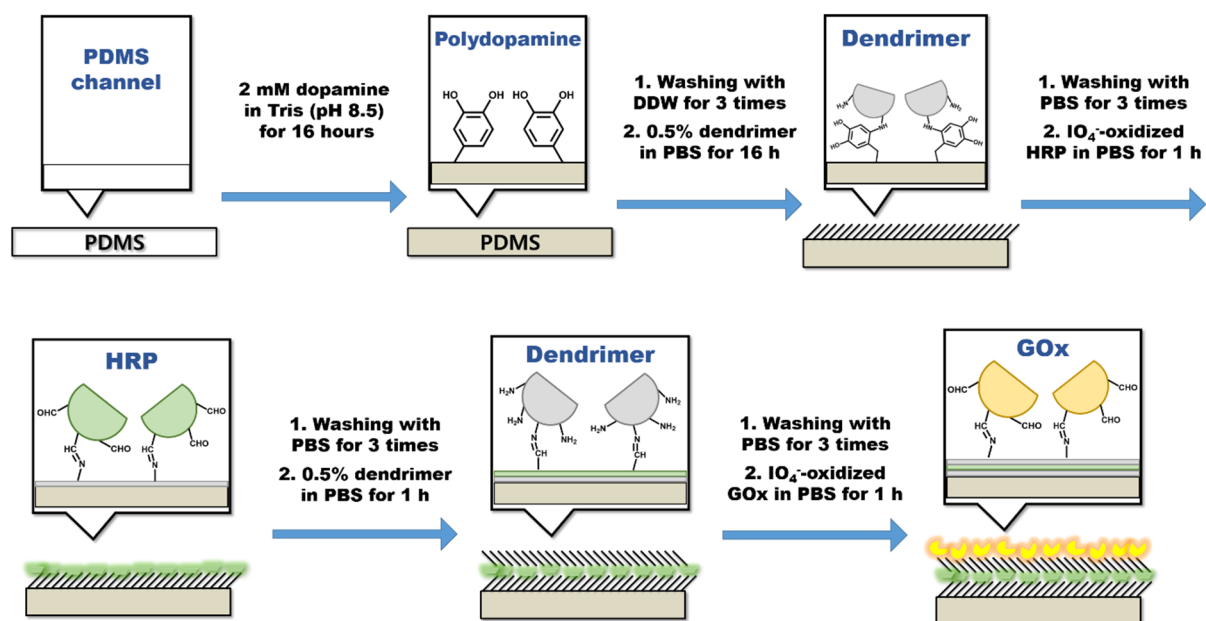


Figure S1. The workflow of the manufacture of a biorecognition layer on the biosensing channel surface.

Construction of the enzyme layer for detection of glucose by means of GOx, HRP, and a dendrimer.

Figure S2

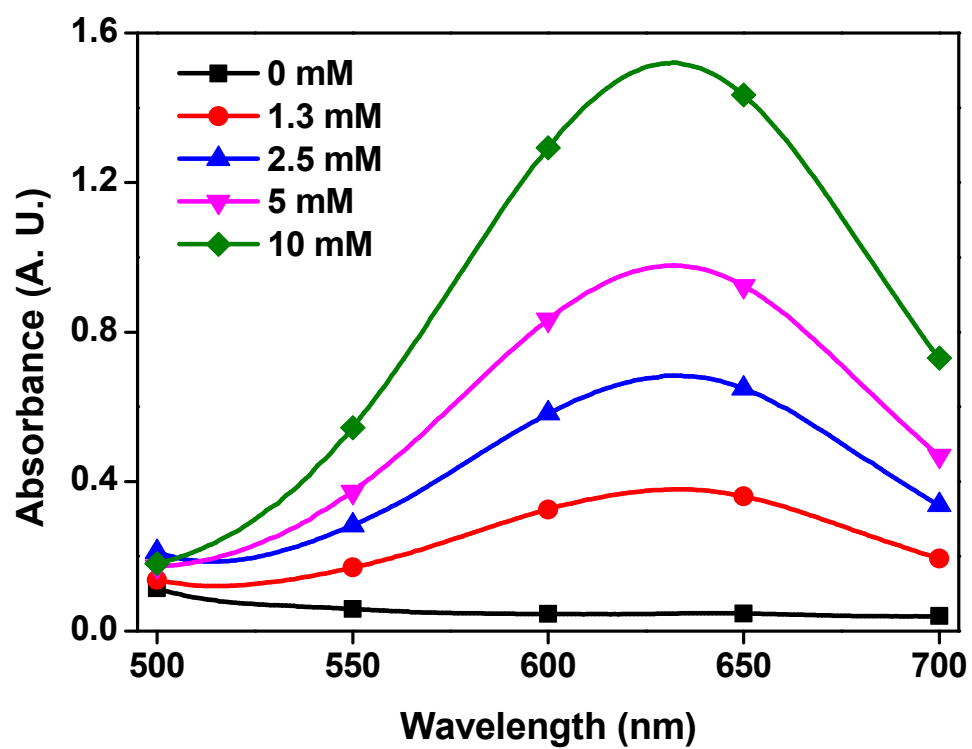


Figure S2. Changes in the absorbance at visible wavelengths caused by various concentrations of glucose in the sample (0, 1.3, 2.5, 5, or 10 mM).