

Supporting Information

A glucometer-based strategy for sensitive DNA methyltransferase activity detection *via* polymerization nicking reaction and enzyme amplification

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Table S1. DL comparison between our method and other reported ones

ref	Detection method	DL (U mL ⁻¹)	Strategy
1	Chemiluminescence	0.52	Rolling circle amplification
2	Colorimetry	6	HRP mimicking DNAzyme
3	DPV	0.12	DNA functionalized AuNPs amplification
4	Fluorescence	0.8	Hairpin fluorescent DNA probe coupled with enzyme-linkage reactions
5	Electrochemistry	0.12	HRP-mimicking DNAzyme-catalyzed the deposition of polyaniline
6	Circular dichroism spectroscopy	0.27	DNA-induced chiroplasmonic assemblies of AuNPs
this work	Glucometer detection	0.1	Polymerization nicking reaction and enzyme amplification

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