

Supporting information

A Nanozymatic-Mediated Smartphone Colorimetric Sensing Platform for the Detection of Dimethyl Phthalate (DMP) and Dibutyl Phthalate (DBP)

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Table S1

Figure S1

Figure S2

Figure S3

Figure S4

Table S1. Experimental results of catalytic performance of Pt@Au nanozyme.

	Tube 1	Tube 2	Tube 3	Tube 4
TMB color development solution (μ L)	550.0	550.0	550.0	550.0
Water (μ L)	10.0	0	0	0
Diluted Pt@Au (μ L)	0	5.0	10.0	20.0
B value	0	22.5 \pm 7.4	40.7 \pm 5.8	100.5 \pm 6.3

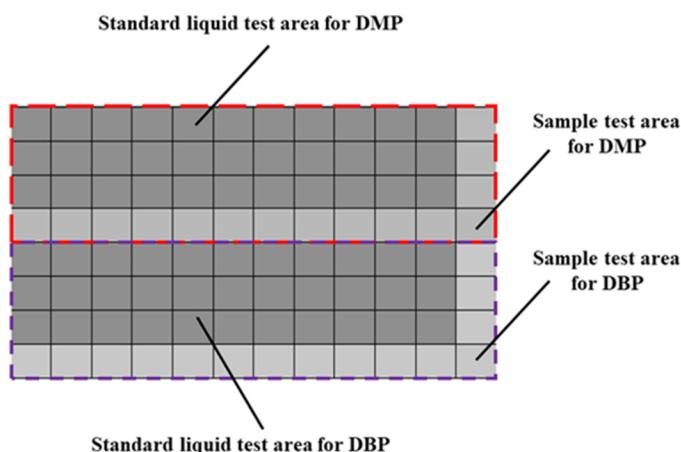


Figure S1. Standard liquid test areas and sample test areas of DMP and DBP in 96 Mi-croporous plates.

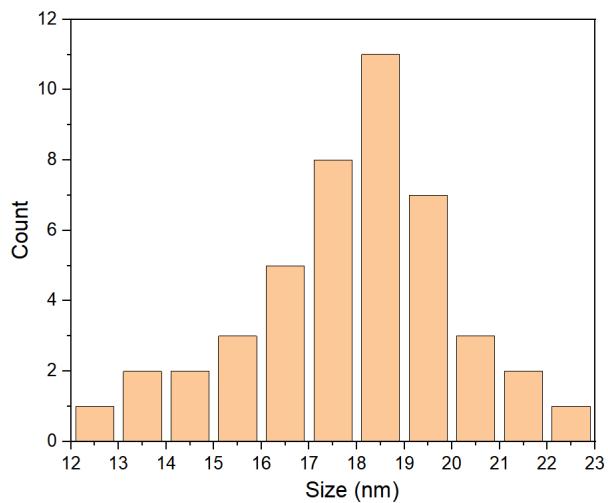


Figure S2. The size distribution of Pt@Au nanzyme.

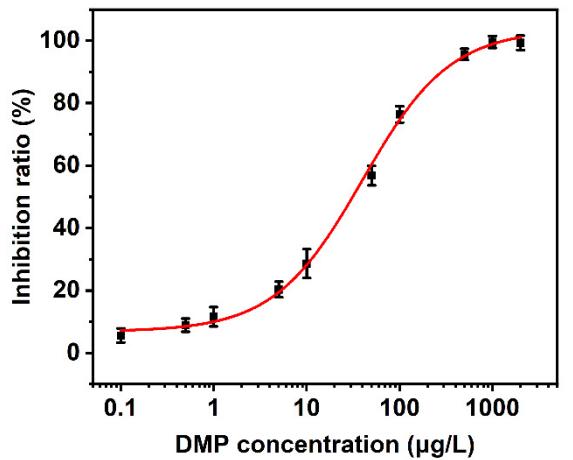


Figure S3. ELISA standard curve for DMP in PBS..

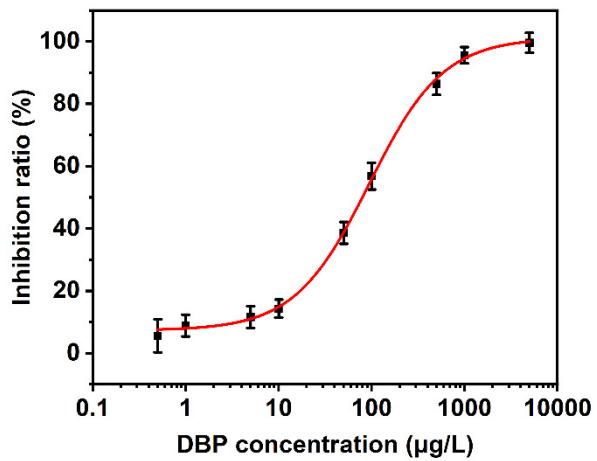


Figure S4. ELISA standard curve for DBP in PBS.