

Highly sensitive label-free in vitro detection of aflatoxin B1 in an aptamer assay using optical planar waveguide operating as a polarization interferometer

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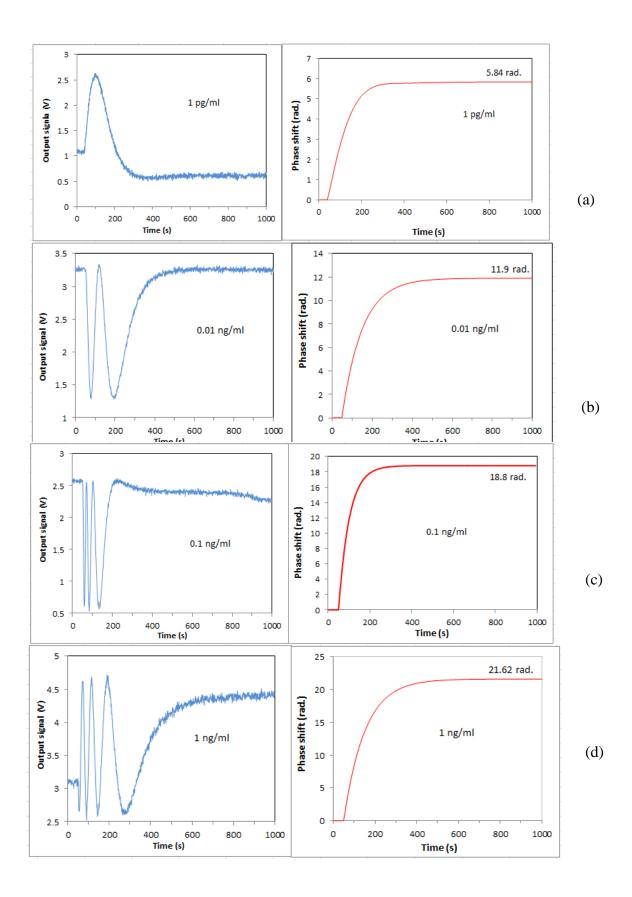
Analytical and Bioanalytical Chemistry

Electronic Supplementary Material

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Fig. S1 Secondary structure of anti-aflatoxin B1 aptamer



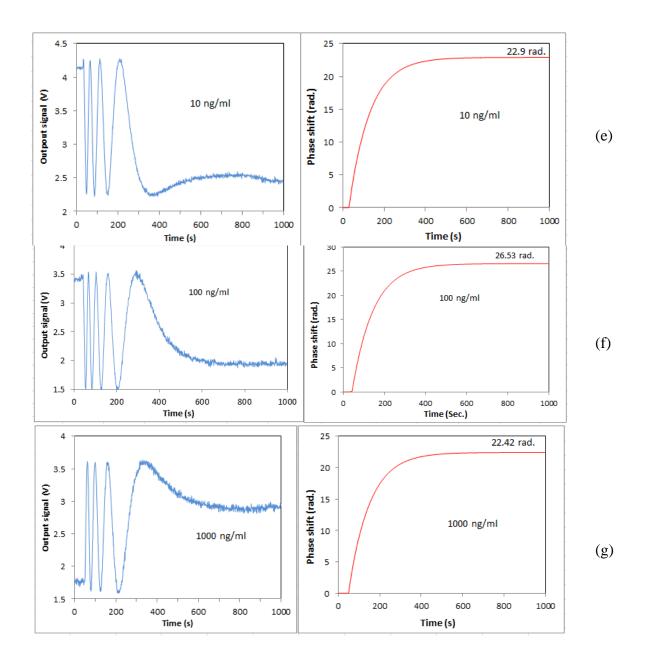


Fig. S2 Output signals (left) and corresponding phase shifts (right) for different concentrations of AFT b1: 0.001 ng/ml (a), 0.01 ng/ml (b), 0.1 ng/ml (c), 1 ng/ml (d), 10 ng/ml (e), 100 ng/ml (f), and 1000 ng/ml (g)

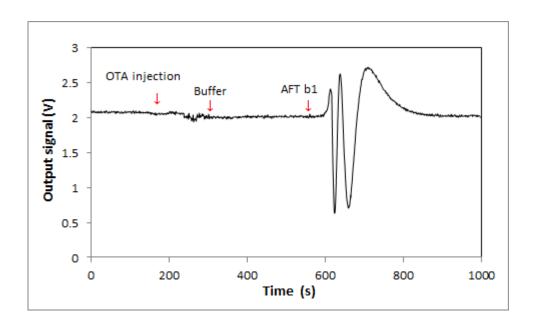


Fig. S3 Negative control data. Output signals caused by injections of OTA $(0.01 \, \text{ng/ml})$ and AFT b1 $(0.01 \, \text{ng/ml})$. Arrows indicate the moments of injection