

Electronic Supplementary Information (ESI)

for

Ultrasensitive Label-Free Immunoassay for C-reactive protein Detection in Human Serum based on the electron transfer

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Table S1. Analytical Performance of correlative methods for CRP detection

	Linear Range	Detection Limit	Reference
Simultaneous photoelectrochemical immunoassay of dual cardiac markers using specific enzyme tags: a proof of principle for multiplexed bioanalysis	50 ng/mL to 50 μ g/mL	50 ng/mL	<i>Anal. Chem.</i> , 2016, 88, 1990-1994
On-chip determination of C-Reactive protein using magnetic particles in continuous flow	1-10 μ g/mL	0.87 μ g/mL	<i>Anal. Chem.</i> , 2014, 86, 10552-10559
Low-cost nanoribbon sensors for protein analysis in human serum using a miniature bead-based enzyme-linked immunosorbent assay	0.2-500 ng/mL	0.05 ng/mL	<i>Anal. Chem.</i> , 2016, 88, 4872-4878
A pressure-based bioassay for the rapid, portable and quantitative detection of C-reactive protein	0. 25 ng/mL to 0.025 μ g/mL	0. 2 ng/mL	<i>Chem. Commun.</i> , 2016, DOI: 10.1039/C6CC03705D
Ultrasensitive label-free immunoassay for C-reactive protein detection in human serum based on the electron transfer	0.2 -80 ng/mL	40 pg/mL	This work