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Development of a lateral flow immunoassay of C-reactive protein detection based on red fluorescent nanoparticles

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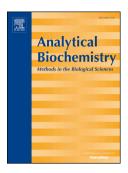
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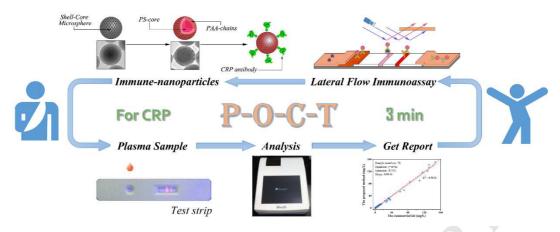
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Graphical abstract

Schematic presentation of lateral flow immunoassays (LFIA) based on the use of red fluorescent nanoparticles (RPNs) as signaling labels for the rapid determination of C-reactive protein (CRP) in plasma samples and the core-shell structure of the RPNs.

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