

## Supporting Information for

# Background-Free Chromatographic Detection of Sepsis Biomarker in Clinical Human Serum through Near-Infrared to Near-Infrared Upconversion Immunolabelling

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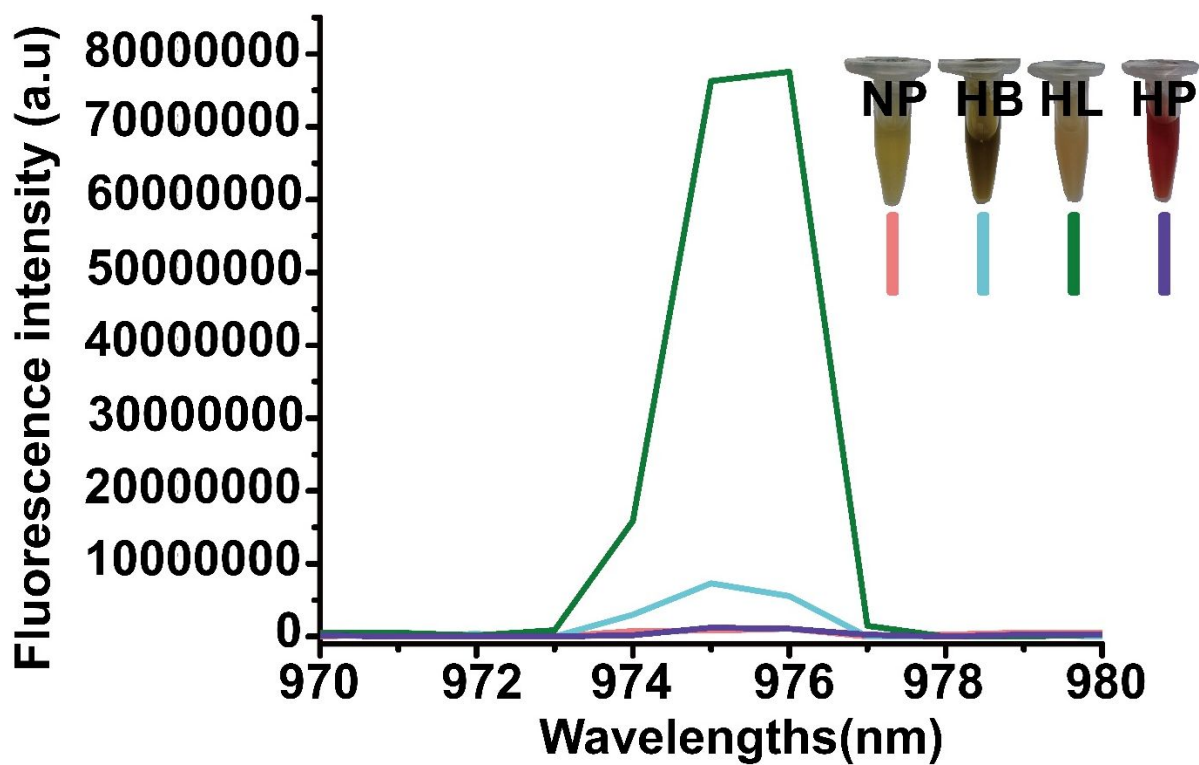
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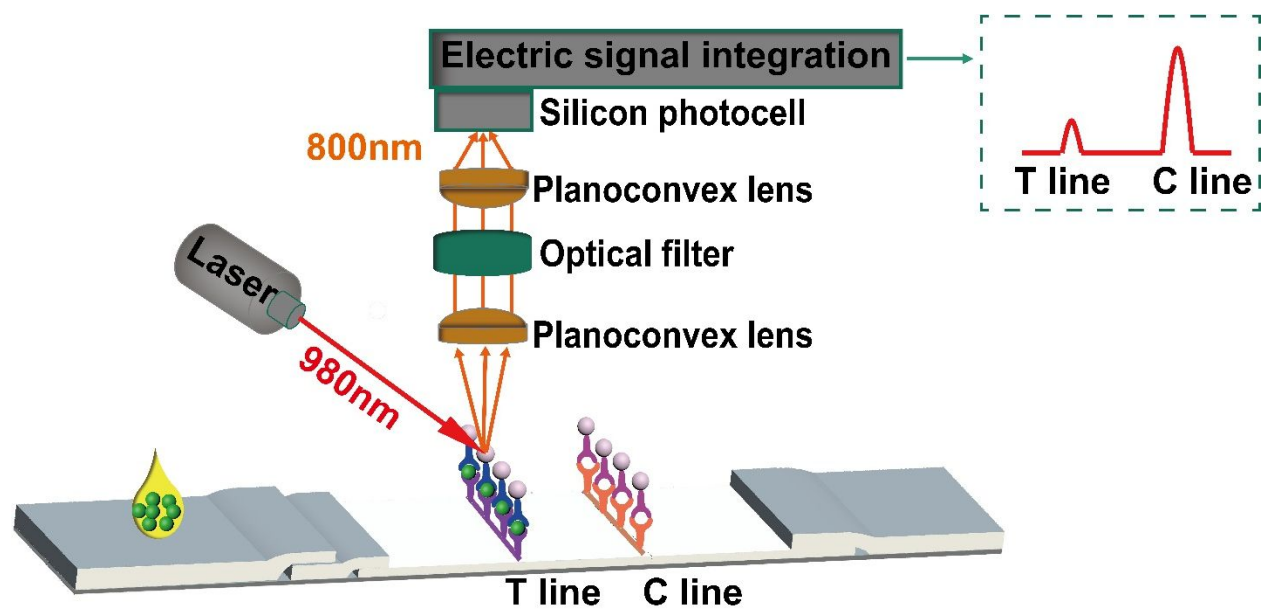
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**Figure S1.** The scattering effect of colored plasma on excitation light. The spectra were collected perpendicular to the excitation light (975nm, 140 mW) in colored plasma including normal plasma (NP), Hyperbilirubinemia (HB), hyperlipidemia (HL) and hemolytic plasma (HP).



**Figure S2.** A schematic illustration of the portable NIR-to-NIR upconversion nanoparticles based LFA detection system.