Electronic Supplementary Material (ESI) for Lab on a Chip.

Electronic Supplementary Information

Optofluidic differential colorimetry for rapid nitrite determination

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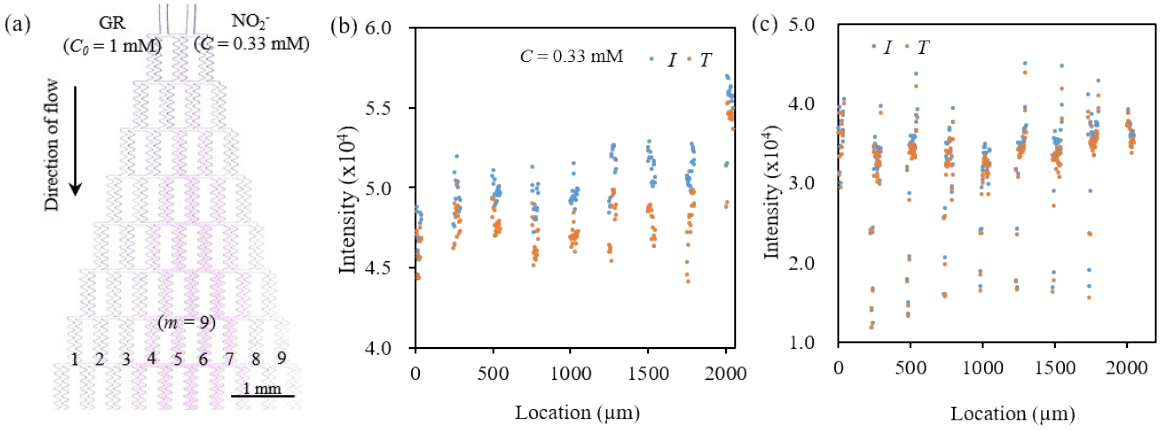
Experimental results when c = 0.33 mM and the light intensity when absorption cells are affected by impurity:



S1. The micrograph (a) and transmitted light intensity (b) of microfluidic network when the concentration ratio of colour reagent and nitrite equals 3:1. (c) The transmitted light intensity in detection points measured under the influence of impurities.