Electronic Supplementary Material (ESI) for Journal of Materials Chemistry B

Supporting Information for:

Imaging Guided Photothermal Therapy using iron oxide Loaded Poly(lactic acid) Microcapsules Coated with Graphene Oxide

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Fig. S1. The pictures of IO@PLA/GO dissolved in serum (left), culture medium (middle)and water (right).

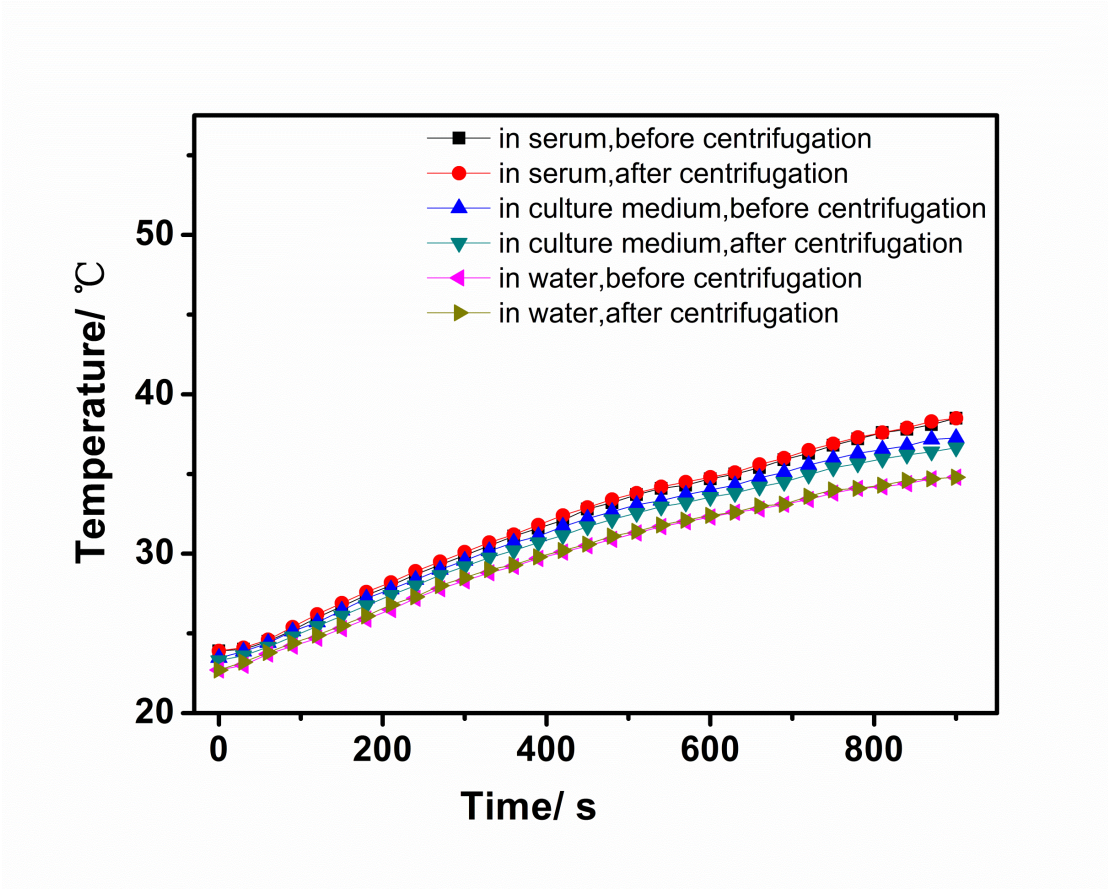

Fig. S2. Temperature changes of IO@PLA/GO microcapsules at the concentration of 0.5 mg mL^{-1} under NIR laser irradiation (808 nm, 2 W $cm^{-2)}$ in serum, culture medium and in water before and after centrifugation.

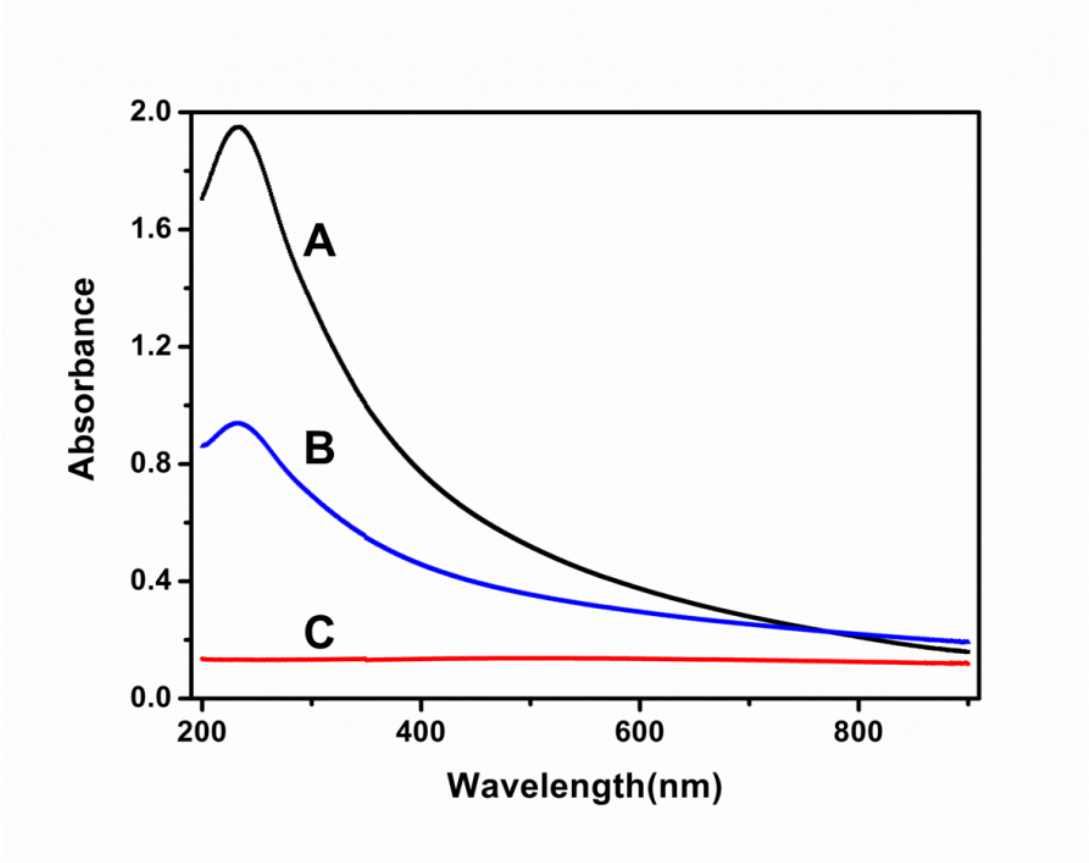

Fig. S3. UV-vis-NIR absorbance spectra of (A)GO ,(B) IO@PLA/GO ,(C) IO@PLA

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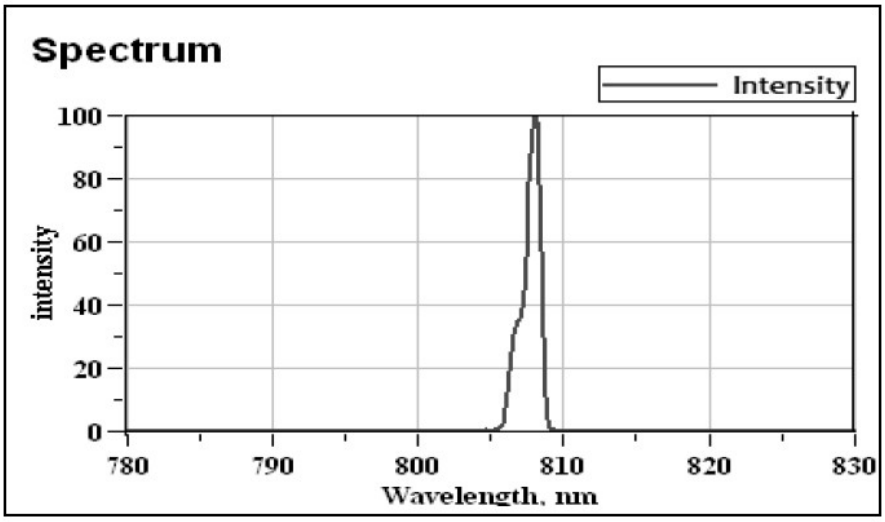

Fig. S4. The spectrum of the laser pulse