## **Supporting information**

## Thermal analysis of nanofluids in microfluidics using an infrared camera

Pyshar Yi\*<sup>a</sup>, Aminuddin A. Kayani<sup>a</sup>, Adam F. Chrimes<sup>a</sup>, Kamran Ghorbani<sup>a</sup>, Saeid Nahavandi<sup>b</sup>, Kourosh Kalantar-zadeh\*<sup>a</sup>, and Khashayar Khoshmanesh\*<sup>a</sup>

\*Corresponding authors: Pyshar Yi, Khashayar Khoshmanesh and Kourosh Kalantar-zadeh Emails: pyshar.yi@gmail.com, khashayar.khoshmanesh@rmit.edu.au, and kourosh.kalantar@rmit.edu.au

Tel: +61 3 9925 3254, Fax: +61 3 99252007

## **Supplementary 1: Experimental setup**

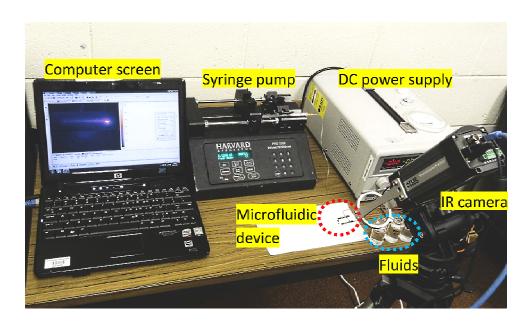


Fig. 1S. Experimental setup of our microfluidic system