

Supporting Information:

Non-enzymatic glucose sensing by enhanced Raman spectroscopy on flexible 'as-grown' CVD graphene

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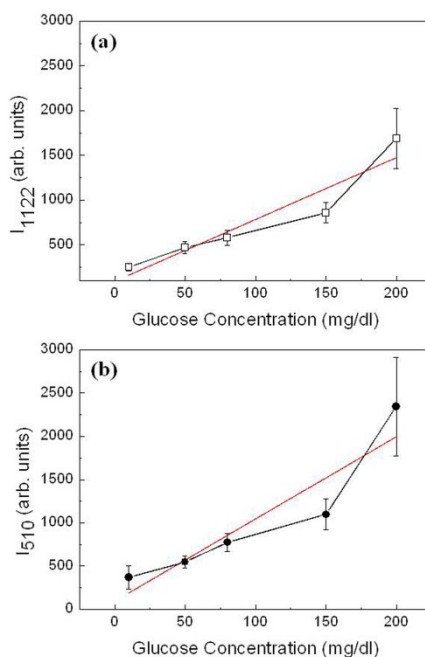


Fig. S1. Variation of the GERS intensity (I) of the (a) 1122, and (b) 510 cm^{-1} line of glucose as a function of the glucose concentration, measured on graphene prepared with 20 sccm of methane. The line (black) joining the data points is a guide to the eye only. The other line (red) is a linear fit to the data with correlation coefficient of (a) 0.86, and (b) 0.82 suggesting an unsatisfactory fit.

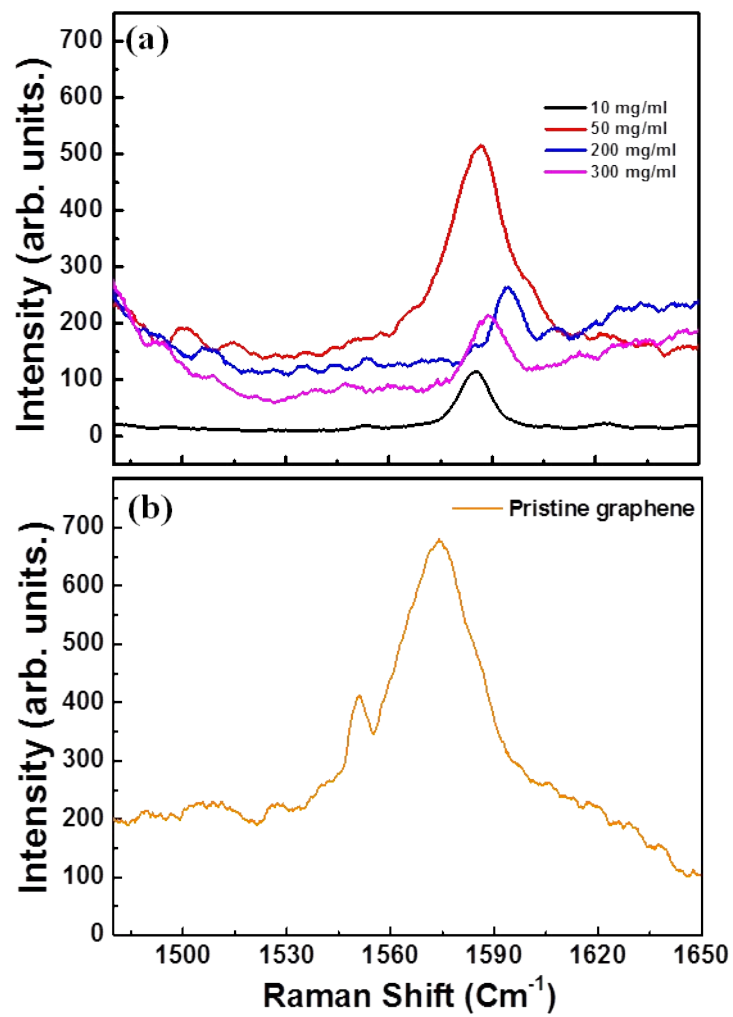


Figure S2 (a) Graphene G band shift with different concentration of Glucose dispersed on graphene; (b) G band on as-grown pristine graphene.