

# Journal of Materials Chemistry B

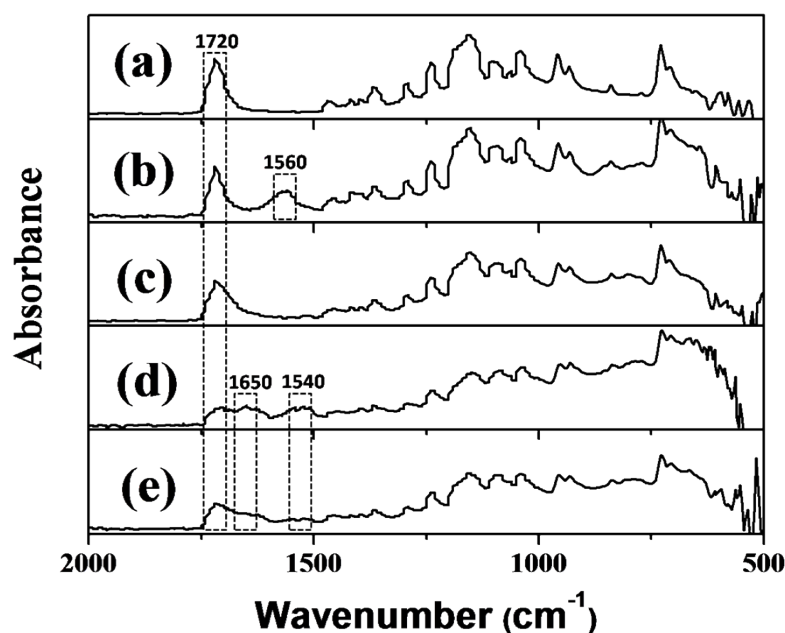
PAPER

Electronic Supplementary Information for:

## Synthesis of pH-responsive hydrogel thin film grafted on PCL substrate for protein delivery

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### Experimental



**Figure S1.** ATR/FTIR spectra of the pristine PCL (a), PCL-*g*-P(PEGDA/AA) (PEGDA:AA = 5%:25%) after treated by pH 7.4 buffer solution (b), PCL-*g*-P(PEGDA/AA) after treated by pH 2.0 buffer solution (c), PCL-*g*-P(PEGDA/AA)/BSA (d) and PCL-*g*-P(PEGDA/AA)/lysozyme (e).