

## Supplementary Information

### **Controlled protein adsorption and delivery of thermosensitive poly(*N*-isopropylacrylamide) nanogels**

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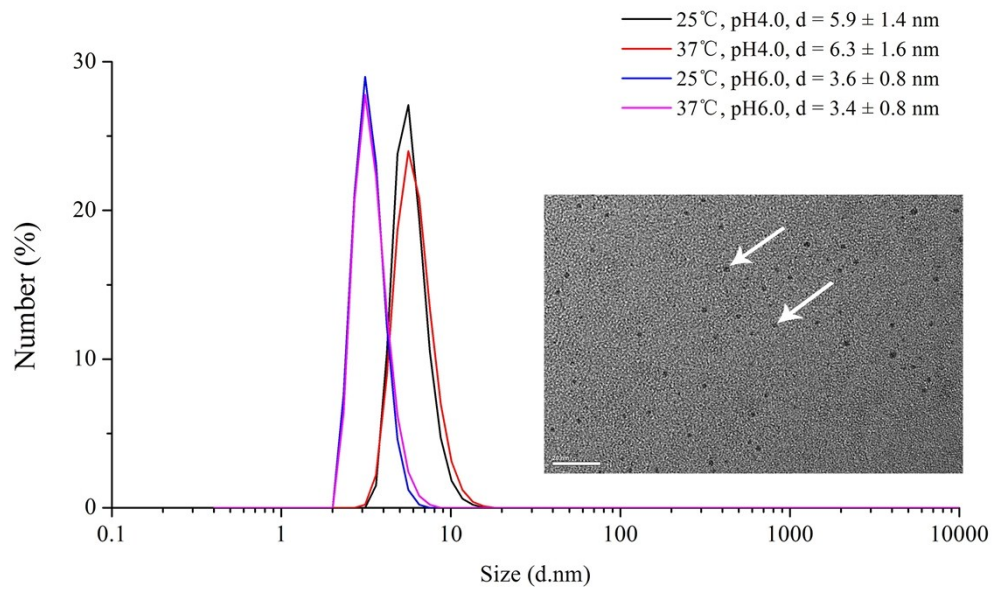
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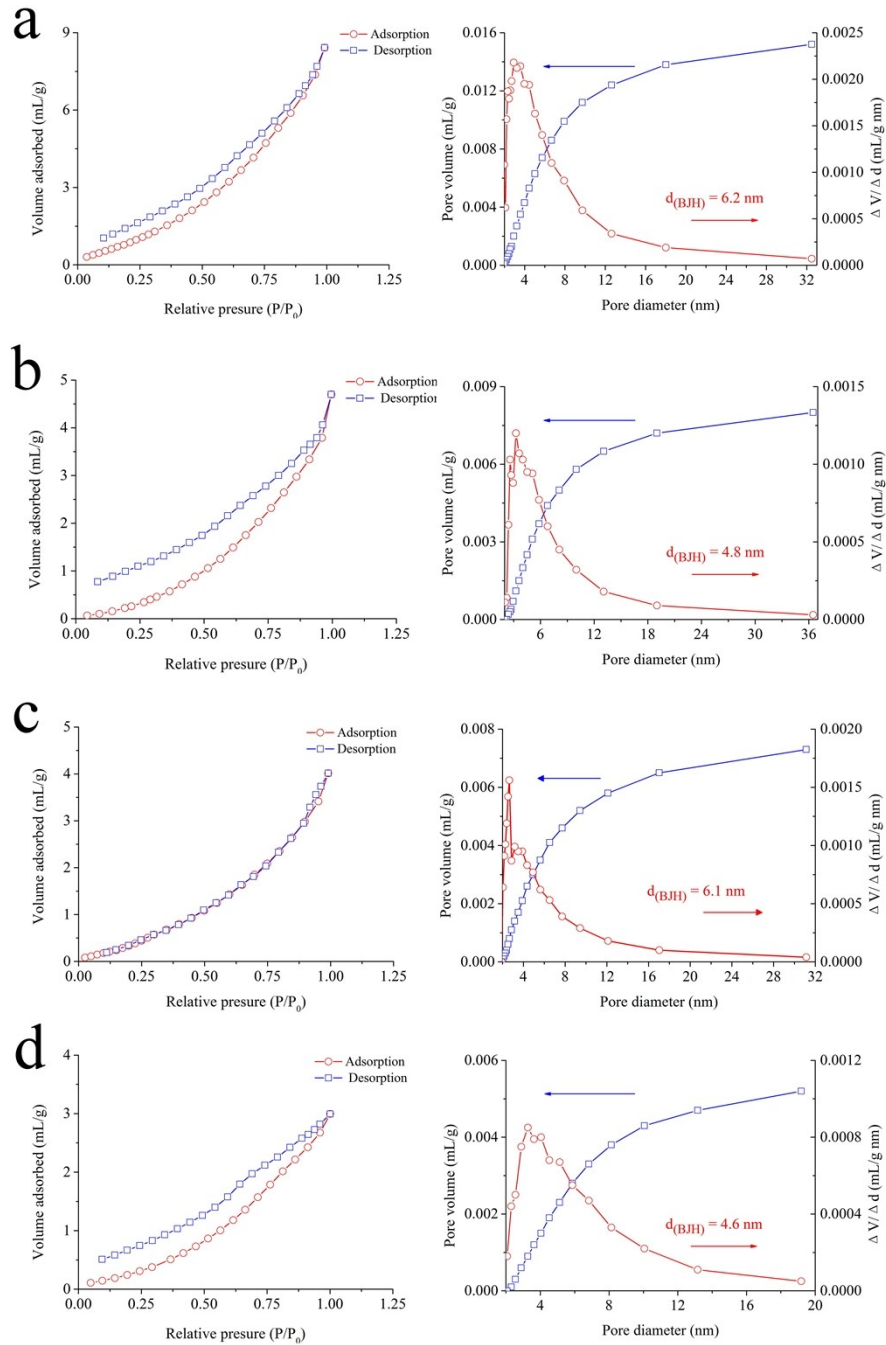
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S1 DLS patterns of BSA in deionized water at different temperatures and pH values, inset: TEM image of BSA at 25 °C and pH6.0, arrows: BSA



S2 Nitrogen adsorption-desorption isotherm curves and pore size distribution of dry PNIPAM nanogels obtained at different temperatures and pH values by using Barrett-Joyner-Halenda (BJH) model. (a) 25 °C and pH4.0, (b) 37 °C and pH4.0, (c) 25 °C and pH6.0, and (d) 37 °C and pH6.0