

## Electronic Supplementary Information

### **Mussel-inspired polydopamine coating as a versatile platform for synthesizing polystyrene/Ag nanocomposite particles with enhanced antibacterial activities**

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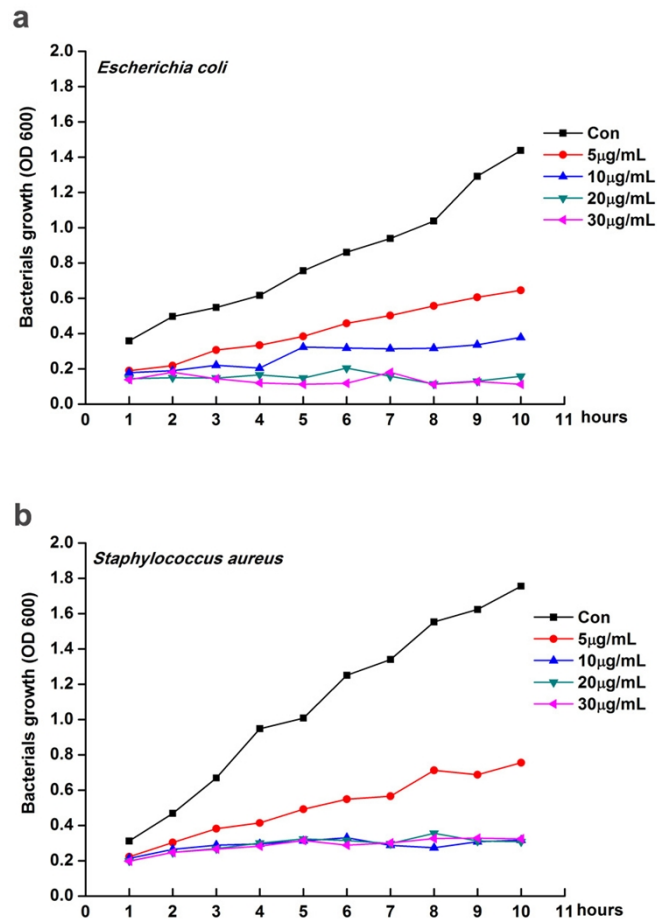
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**Fig.S1** Bacterial growth curves in LB media with kanamycin. Different concentrations of kanamycin were added to the culture of *Escherichia coli* (a) and *Staphylococcus aureus* (b). The growth of the bacteria was measured by a judgment of the O.D. at the wavelength of 600 nm. The initial addition of the kanamycin to the LB bacterium suspension was regarded as the starting point.