

Electronic Supplementary information

for

Ag/H-ZIF-8 Nanocomposite as an Effective Antibacterial Agent Against Pathogenic Bacteria

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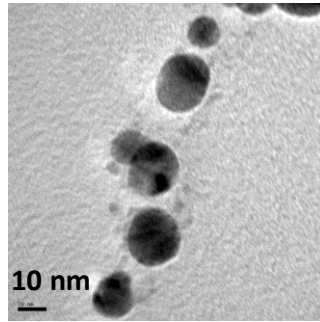


Fig. S1 TEM image of Ag NPs

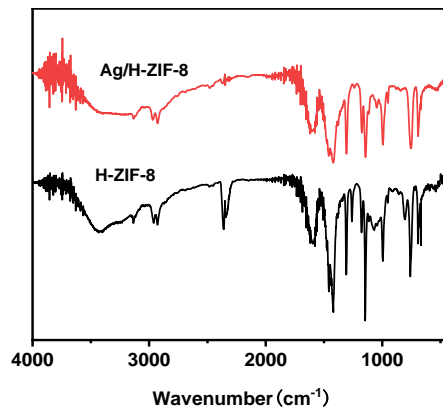


Fig. S2 FT-IR spectra of H-ZIF-8 and Ag/H-ZIF-8

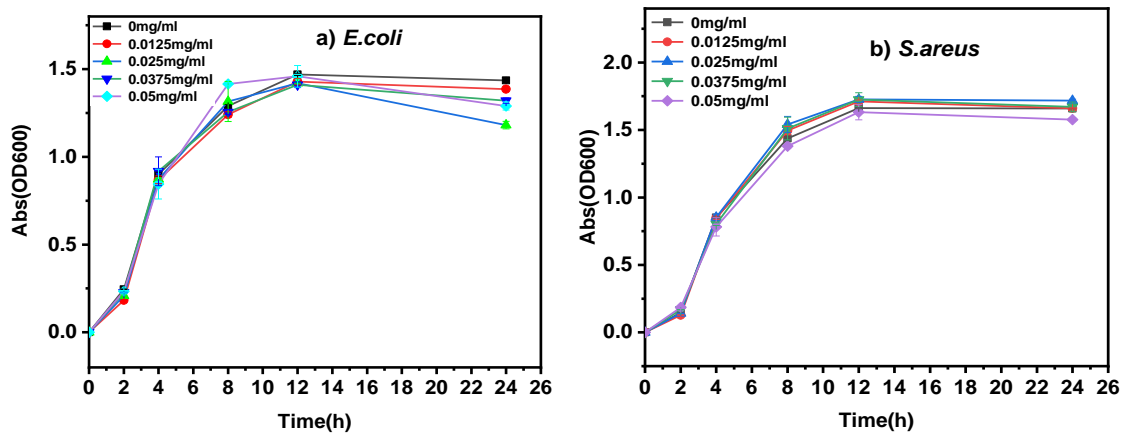


Fig. S3 Growth curves of (a) *S. Aureus* and (b) *E. coli* inoculated with different concentrations of Ag Nps.

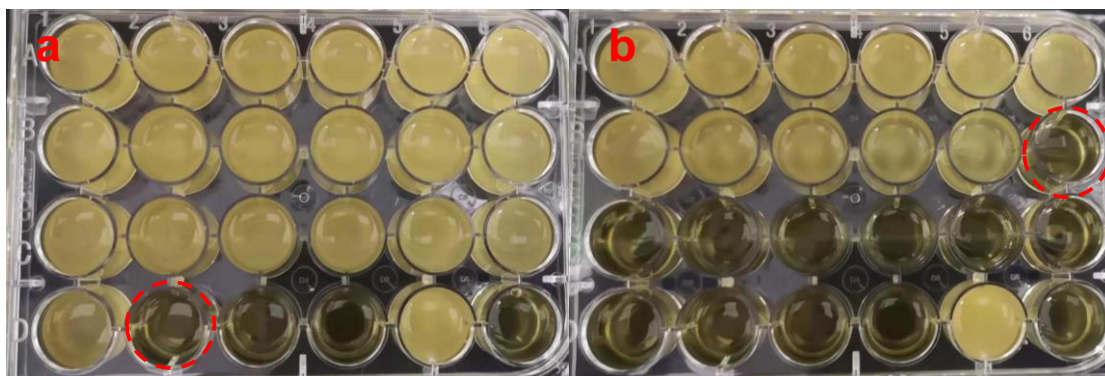


Fig. S4 MIC of *S. aureus*(a) and *E. coli* (b) inoculated with different concentrations of Ag/H-ZIF-8 Nps.

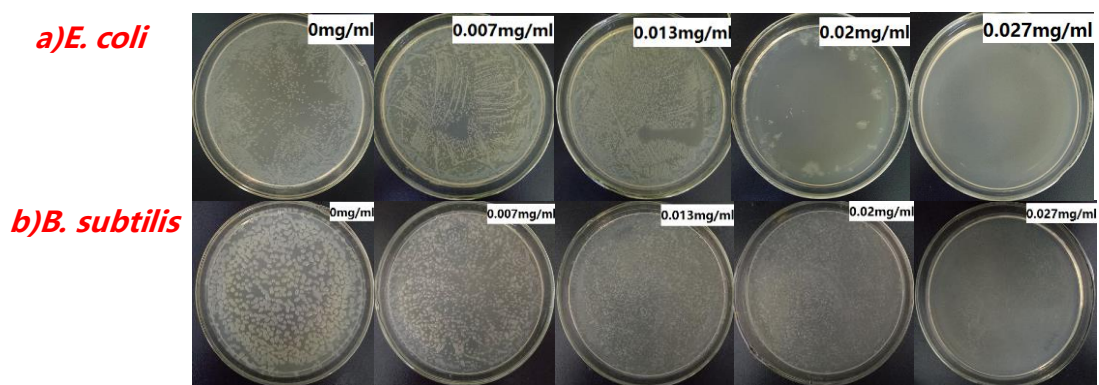


Fig. S5 *E. coli* (a) and *Bacillus subtilis*(b) grown on agar plates using various concentrations of Ag NPs.