

Supplementary Materials: Cyclodextrin-Based Nanosponges as Perse Antimicrobial Agents Increase the Activity of Natural Antimicrobial Peptide Nisin

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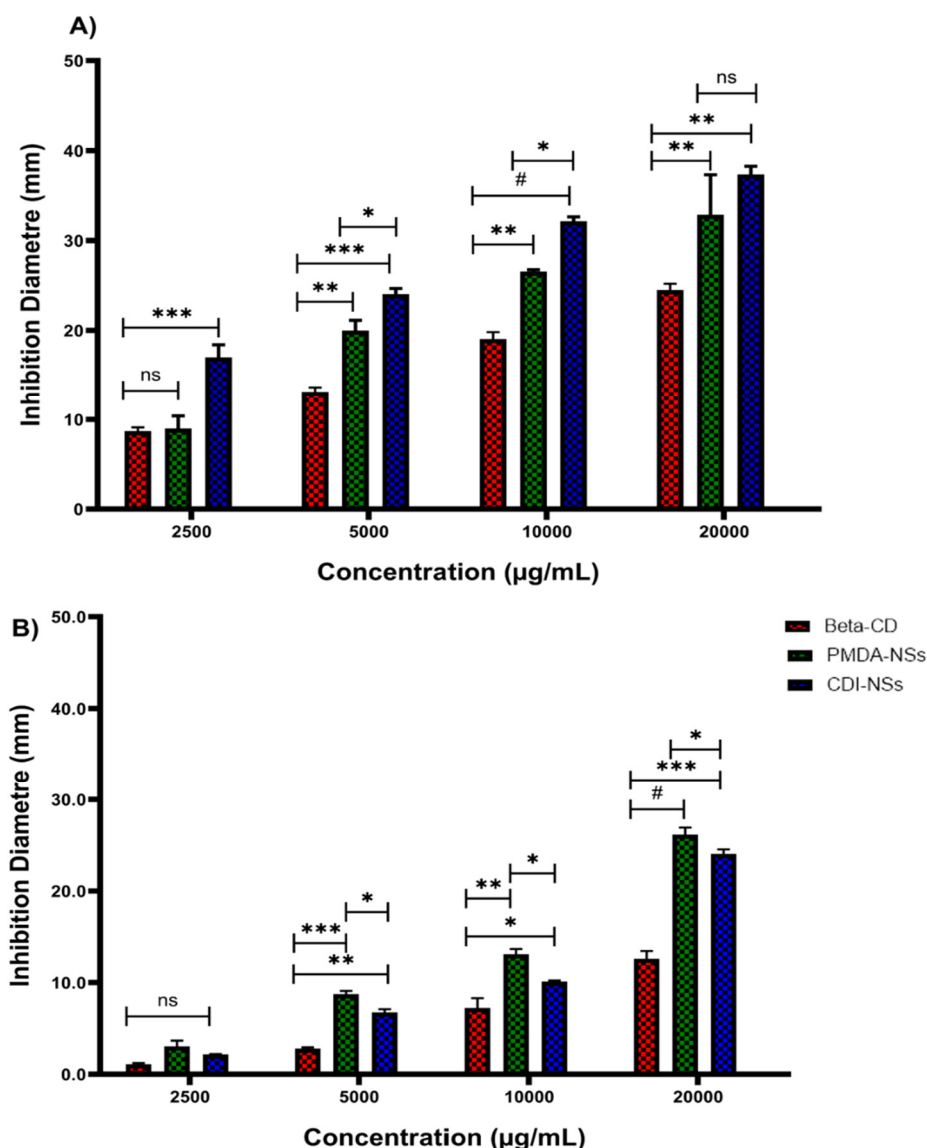


Figure S1. The inhibitory activity (appearance) of CDI-NSs, PMDA-NSs and β -CD free of drugs. It was evaluated by measuring the growth inhibition zones at different concentration against *E.coli* (A) and *S.aureus* (B) in well agar-diffusion assay. * $P<0.05$, ** $P<0.01$, *** $P<0.001$, # $P<0.0001$ and ns (Not Significant).

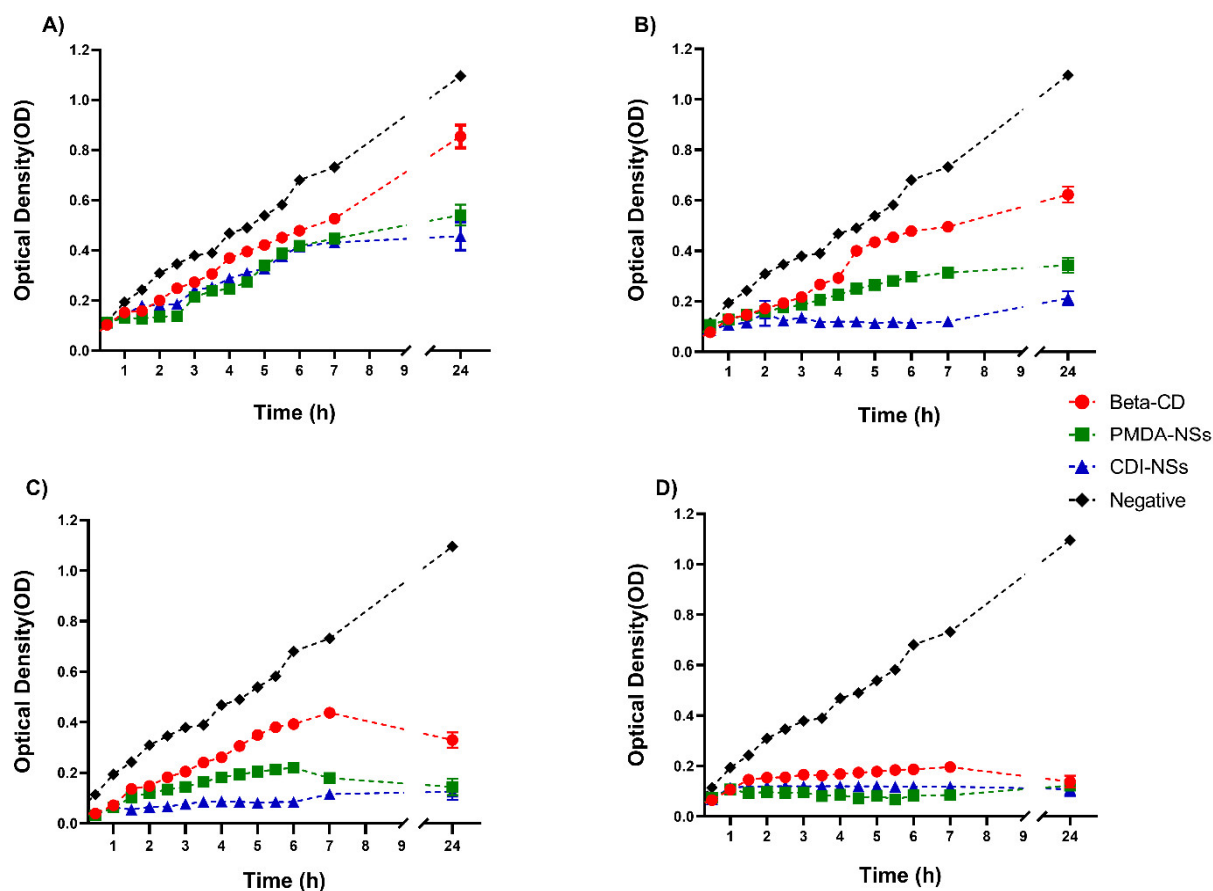


Figure S2. Growth curve of antibacterial activity of drug free formulations against *E. coli* compared to control measured by optical density (600 nm) as a function of time. A: 2500, B: 5000, C: 10000 and D: 20000 $\mu\text{g/mL}$. All data are expressed as mean \pm standard deviation (n = 3).

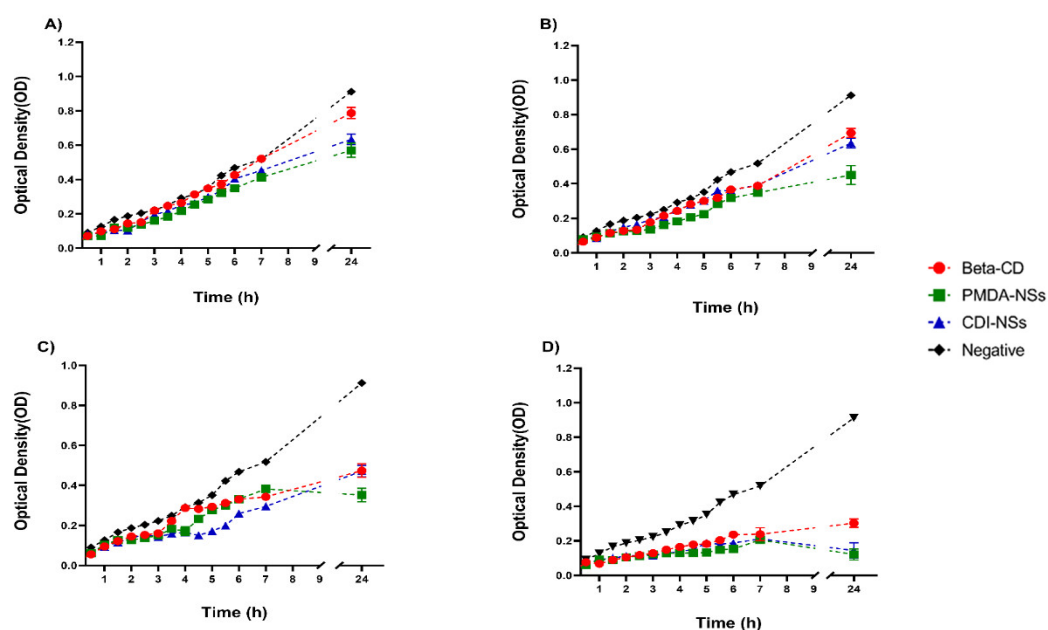


Figure S3. Growth curve of antibacterial activity of drug free formulations against *E. coli* compared to control measured by optical density (600 nm) as a function of time. A: 2500, B: 5000, C: 10000 and D: 20000 $\mu\text{g/mL}$. All data are expressed as mean \pm standard deviation (n = 3).