

Supplementary Table 2: Preparation of Chitosans and antibiotic solutions and their diluents used for working concentration (30)

Antimicrobial agents	Solvent	Diluent
Chitosan	Acetic buffer (pH4.6)	Sterile deionized water
Chitosan oligosaccharide	Sterile deionized water	Sterile deionized water
Clarithromycin	Sterile deionized water	Sterile deionized water
Ceftriazone	Sterile deionized water	Sterile deionized water
Chloramphenicol	Sterile deionized water	Sterile deionized water
Ofloxacin	Minim volume of 0.1M NaOH and Sterile deionized water	Sterile deionized water
Polymycin B	Sterile deionized water	Sterile deionized water
Sulfamthoxazole	Minium volume of 2.5M NaOH and Sterile deionized water	Sterile deionized water
Streptomycin	Sterile deionized water	Sterile deionized water
Tetracycline	DMSO	Sterile deionized water
Tobramycin	Sterile deionized water	Sterile deionized water
Trimethoprim	Minium volume of glacial acetic acid and Sterile deionized water	Sterile deionized water