**Table S1** Antimicrobial categories, agents and concentrations used in this study

#THAN1F and CMV4AGNF are the dehydrated 96-well Gram negative MIC microtiter plates.

|  |  |  |
| --- | --- | --- |
| **Antimicrobial category** | **Antimicrobial agent** | **Concentration (mg)** |
| #**THAN1F** | #**CMV4AGNF** |
| **DNA replication inhibitor**Fluoroquinolones | CiprofloxacinLevofloxacinNalidixic Acid | 0.06-20.06-8- | 0.015-4-0.5-32 |
| **Cell wall synthesis inhibitor**β-lactamsPenicillins/β-lactamase inhibitorsCarbapenemsCephalosporins | AmpicillinAmoxicillin/Clavulanic AcidAmpicillin/SulbactamPiperacillin/TazobactamDoripenemErtapenemImipenemMeropenemCefoxitinCefuroxime (sodium) Cefotaxime Ceftazidime Ceftriaxone Cefepime  | 8-324/2-16/84/2-16/88/4-64/40.5-40.5-40.5-80.5-84-168-161-321-320.5-321-32 | 1-321/0.5-32/16-----0.06-40.5-32---0.5-64- |
| **Outer cell membrane disruptor**Polymyxins | Colistin | 1-4 | - |
| **Folate synthesis inhibitor**Sulfonamides | SulfisoxazoleTrimethoprim/Sulfamethoxazole | -1/19-4/76 | 16-2560.12/2.38-4/76 |
| **Protein synthesis inhibitor****30S subunit**AminoglycosidesTetracyclines**50S subunit**PhenicolsMacrolides | AmikacinGentamicinNetilmicinStreptomycinTetracyclinesChloramphenicolAzithromycin | 8-322-88-16---- | -0.25-16-2-644-322-320.25-32 |