

Table S1. Antimicrobial activity of antibiotics (MIC, µg/mL) on pathogenic bacteria tested.

Microorganism	PEN	AMP	AMO	GTM	STM	ERY	TC	CHL
<i>Escherichia coli</i> (ATCC 25922)	-	7.80	7.80	12.50	9.37	300	0.78	7.81
<i>Salmonella enterica</i> (ATCC 13311)	-	16.62	62.50	0.78	4.68	37.50	1.17	3.91
<i>Klebsiella pneumoniae</i> (C6)	-	62.50	250	0.78	9.37	18.75	1.17	7.81
<i>Serratia marcescens</i> (ATCC 13880)	-	6.25	125	5	0.40	250	62.50	62.50
<i>Proteus mirabilis</i> (ATCC 35659)	-	0.078	0.62	-	12.50	-	-	3.12
<i>Pseudomona aeruginosa</i> (ATCC 27853)	-	-	949	5	72.25	-	30	>125
<i>Klebsiella aerogenes</i> (ATCC 13048)	-	>250	>949	6.25	1.56	75	1.90	3.91
<i>Acinetobacter baumannii</i> (ATCC 19606)	500	125	125	12.50	75	10	0.78	62.50
<i>Bacillus subtilis</i> (ATCC 6633)	-	-	0.31	6.25	6.25	-	5	1.56
<i>Staphylococcus aureus</i> (ATCC 9144)	1.25	0.15	0.625	50	50	0.62	0.31	7.50
<i>Enterococcus faecalis</i> (ATCC 19433)	>1042	62.50	0.15	25	6.25	6.25	12.50	100
<i>Streptococcus agalactiae</i> (ATCC 12386)	0.156	0.15	16.625	25	125	<0.4	0.19	14
<i>Pasteurella aerogenes</i> (ATCC 27883)	>500	-	>500	15.625	25	>500	3.125	8
- Not tested								

PEN, penicillin; AMP (Ampicillin); AMO (Amoxicillin); GTM (Gentamicin); STM (Streptomycin); ERY (Erythromycin); TC (Tetracycline) and CHL (Chloramphenicol).

Table S2. Microorganisms reference and culture conditions according to American Type Culture Collection (ATCC) datasheets for each microorganism.

Microorganism culture conditions						
Microorganism	Reference	GRAM	Temperature (°C)	Time (h)	Agar/Broth	Atmosphere
<i>Bacillus subtilis</i>	ATCC 6633	positive	30	24	BHI	Aerobic
<i>Staphylococcus aureus</i>	ATCC 9144		37		TS	
<i>Enterococcus faecalis</i>	ATCC 19433				BHI	
<i>Streptococcus agalactiae</i>	ATCC 12386				TS	
<i>Escherichia coli</i>	ATCC 25922	negative		26	24-48	
<i>Klebsiella pneumoniae</i>	C6					
<i>Serratia marcescens subsp.marcescens</i>	ATCC 13880		37	24	TS	
<i>Proteus mirabilis</i>	ATCC 35659					
<i>Pseudomonas aeruginosa</i>	ATCC 27853		30	NU		
<i>Klebsiella aerogenes</i>	ATCC 13048					
<i>Acinetobacter baumannii</i>	ATCC 19606		37	24	BHI	
<i>Pasteurella aerogenes</i>	ATCC 27883					
<i>Salmonella entérica</i>	ATCC 13311				NU	
<i>Acinetobacter baumannii</i>	ATCC 19606					
<i>Candida albicans</i>	ATCC 10231		25-30		SDB	
TS -Trypticase Soy Agar/Broth, NU - Nutrient agar or nutrient broth, BHI - Brain Heart Infusion Agar/Broth, SDB - Sabouraud Dextrose Broth						