

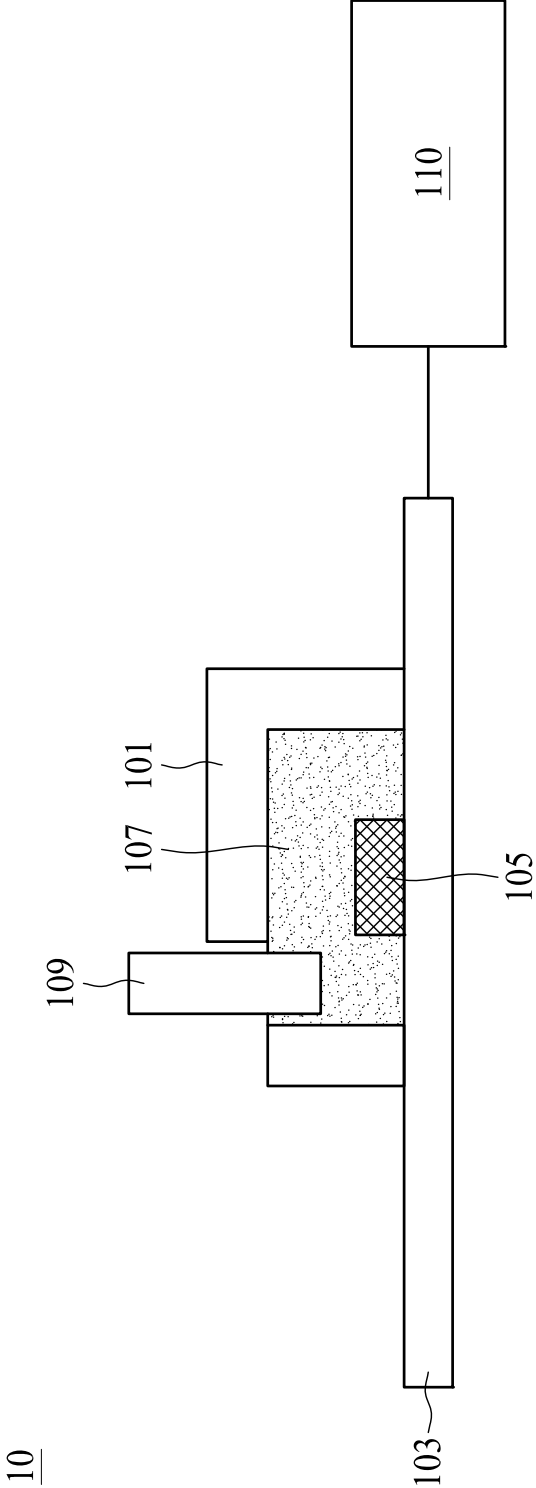


FIG. 1

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20

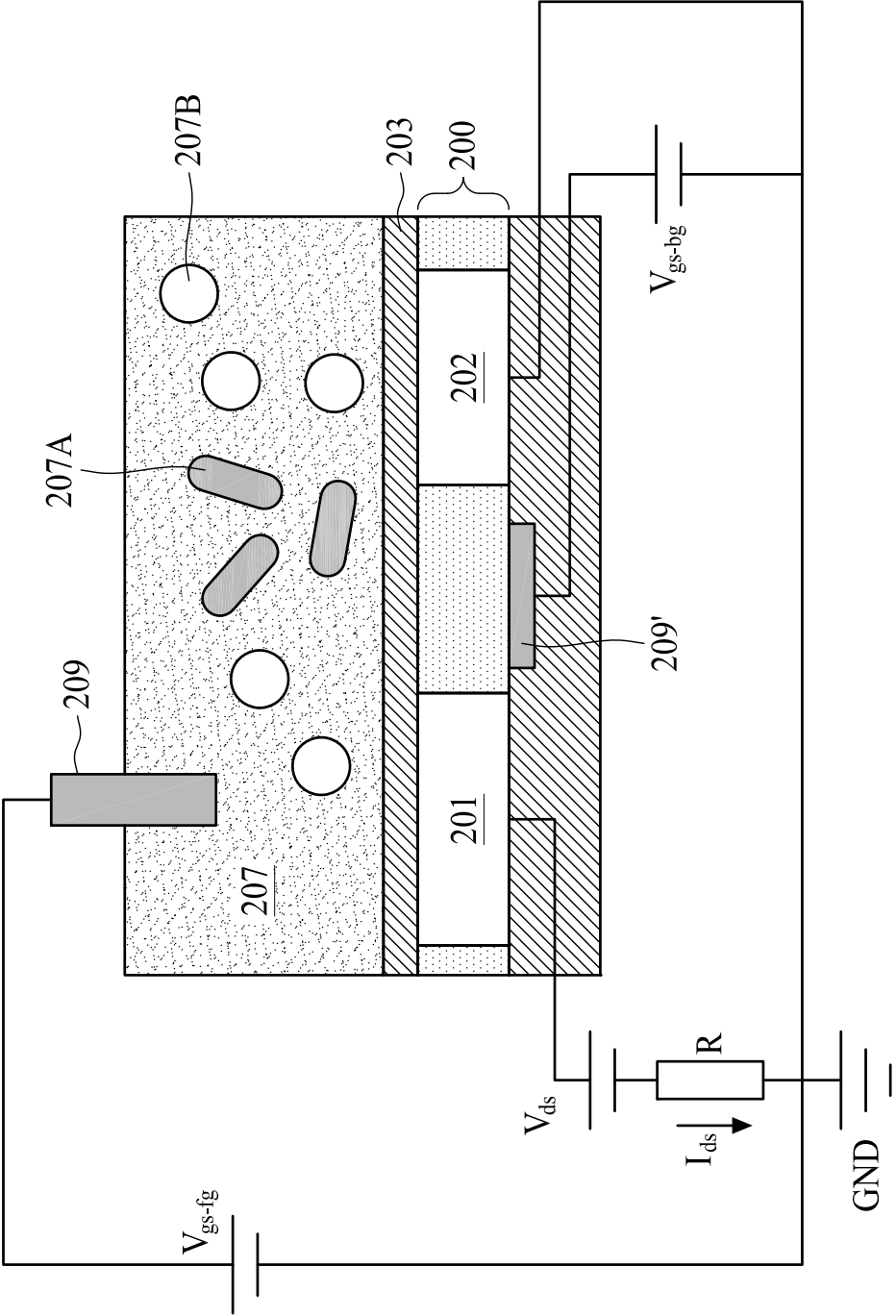
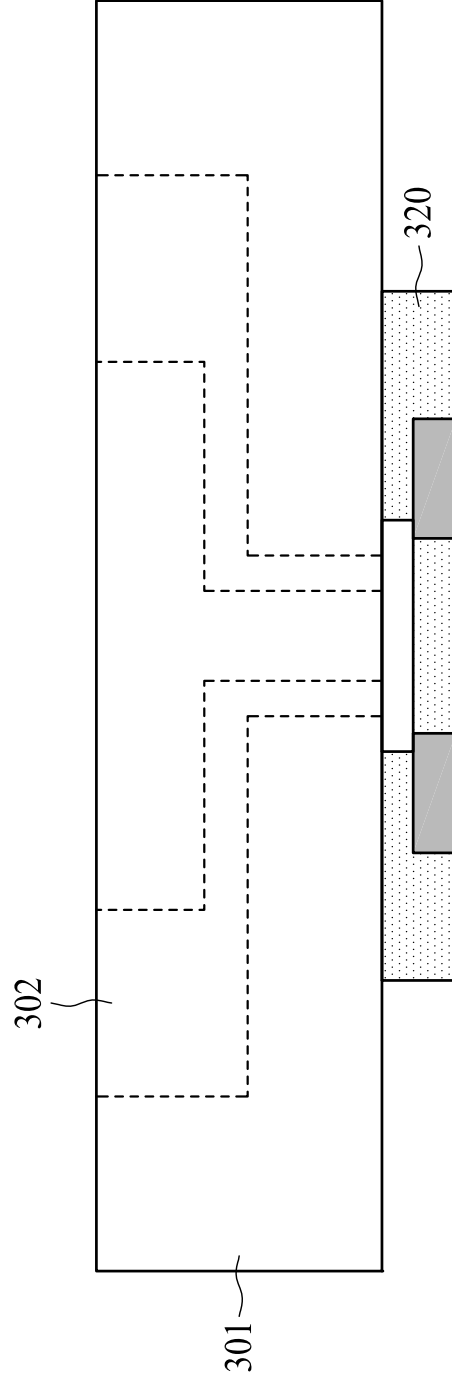


FIG. 2

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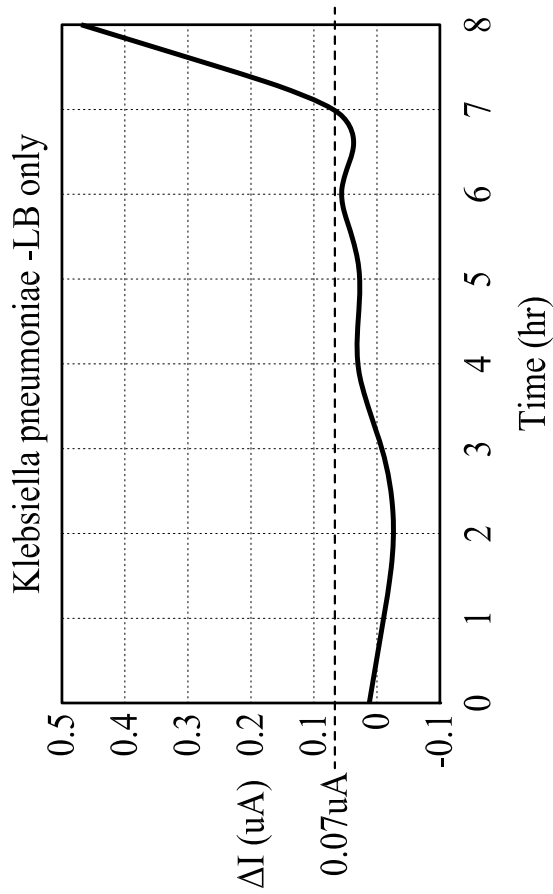


FIG. 4A

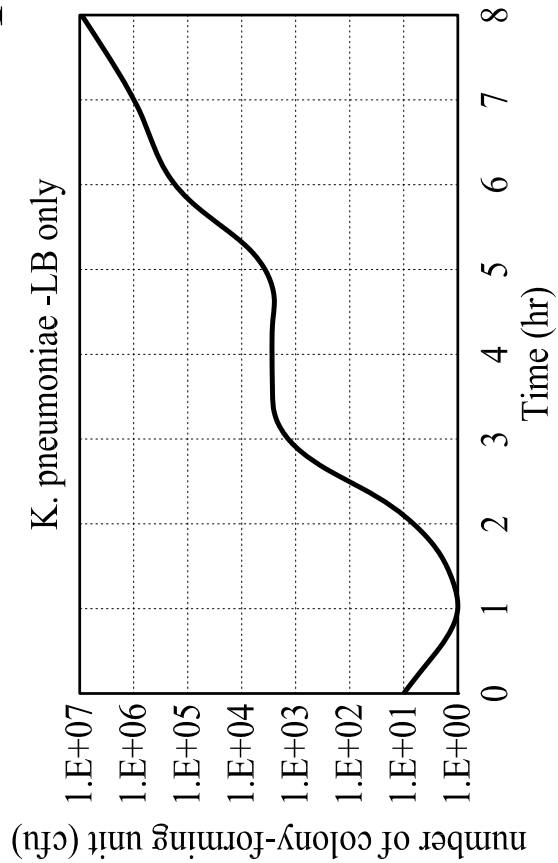


FIG. 4B

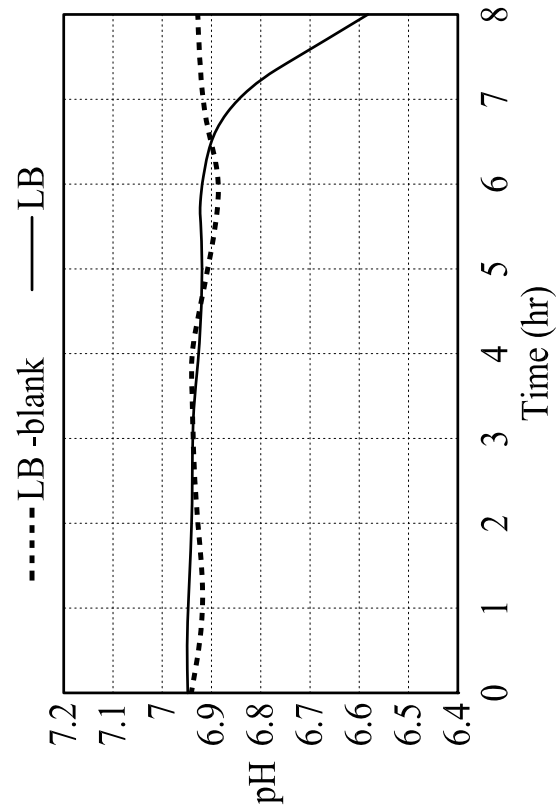


FIG. 4C

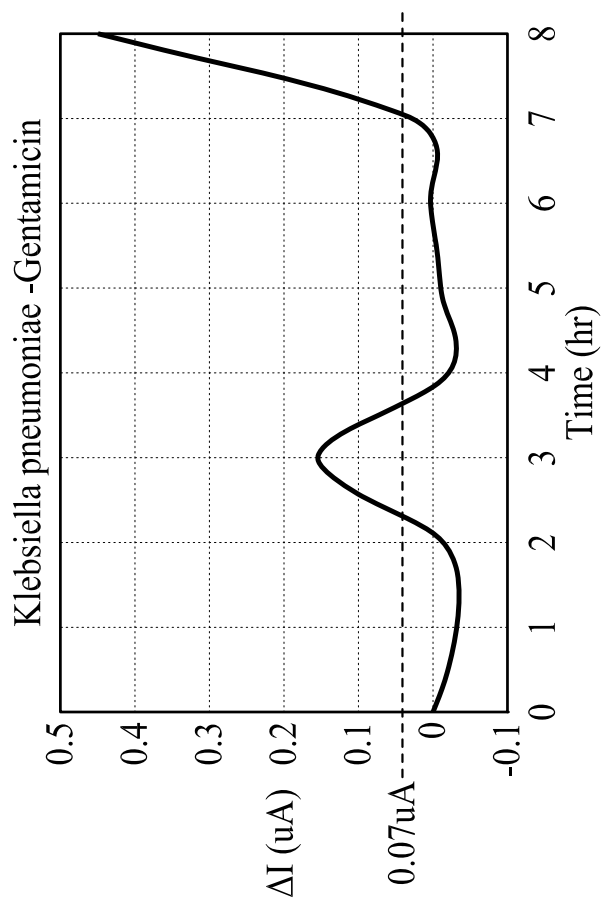


FIG. 4D

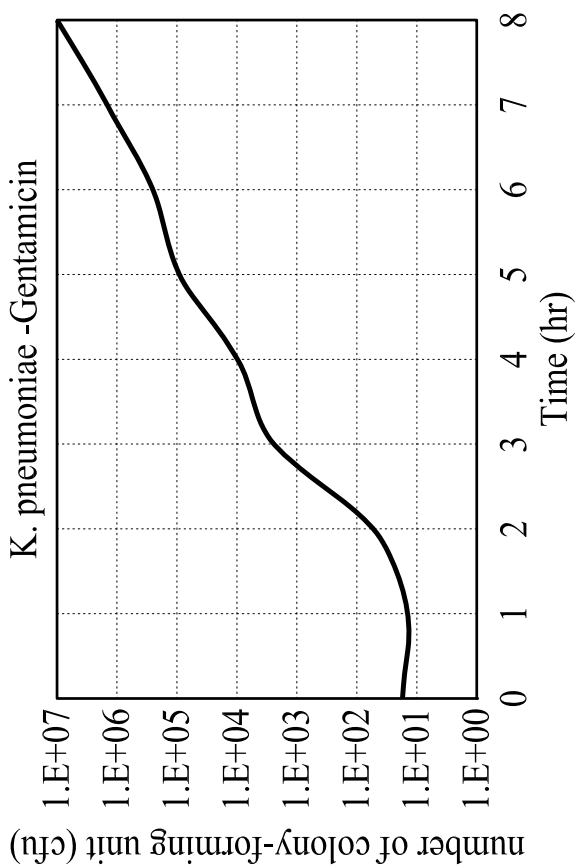


FIG. 4E

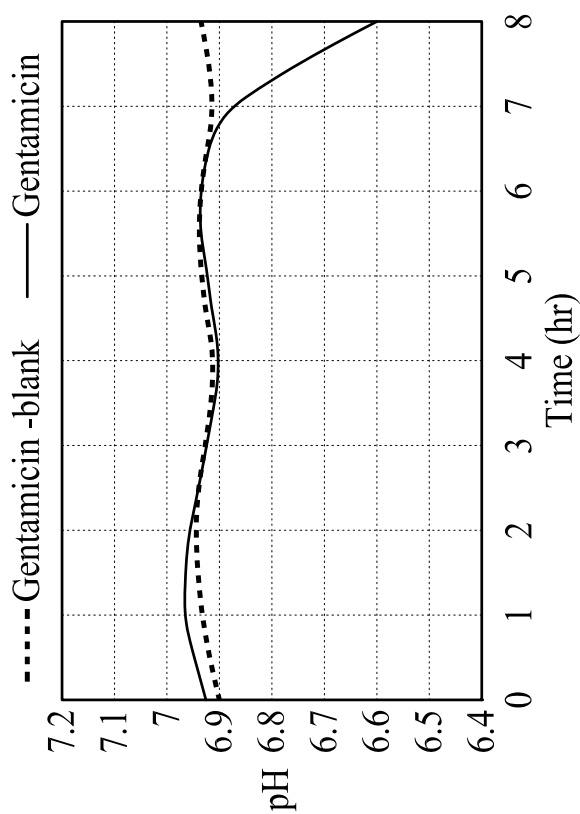


FIG. 4F

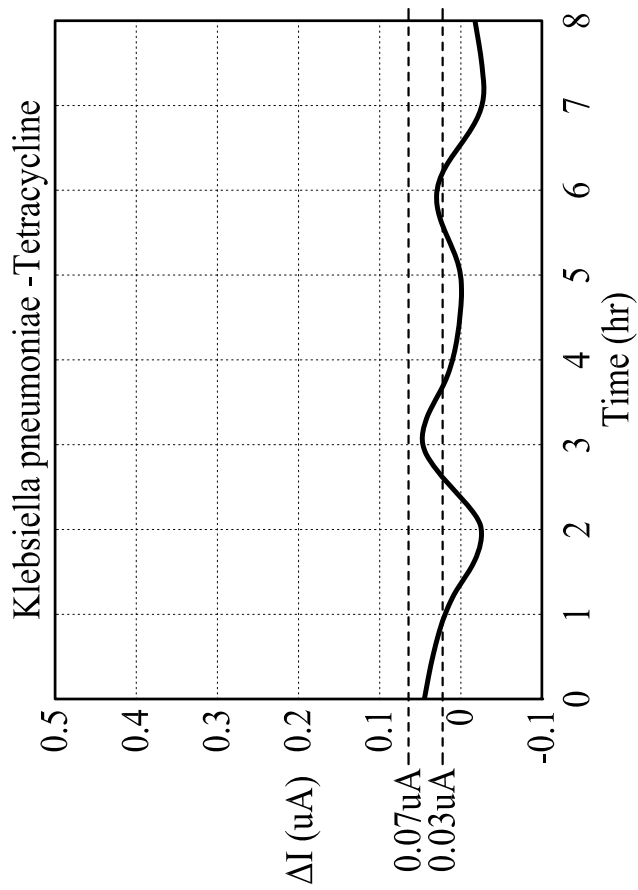


FIG. 4G

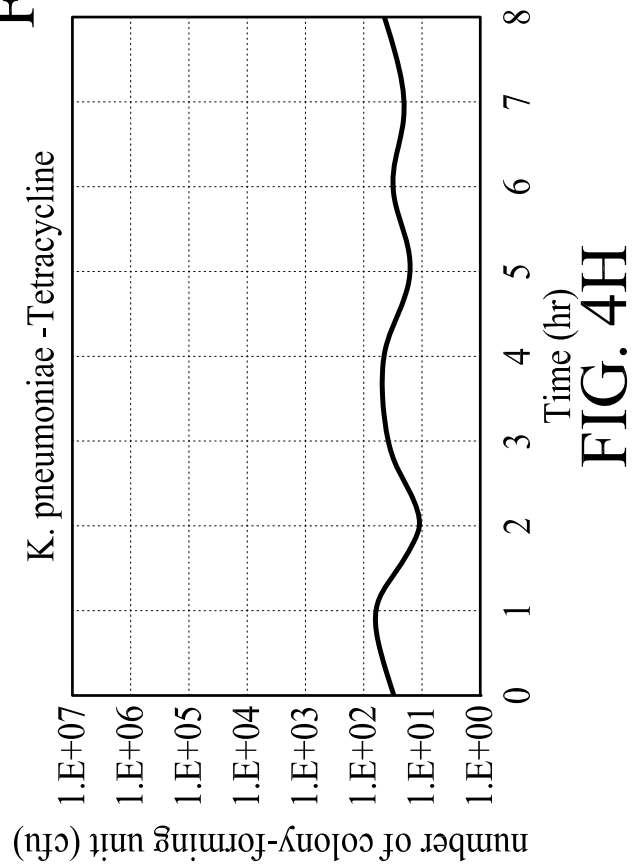


FIG. 4H

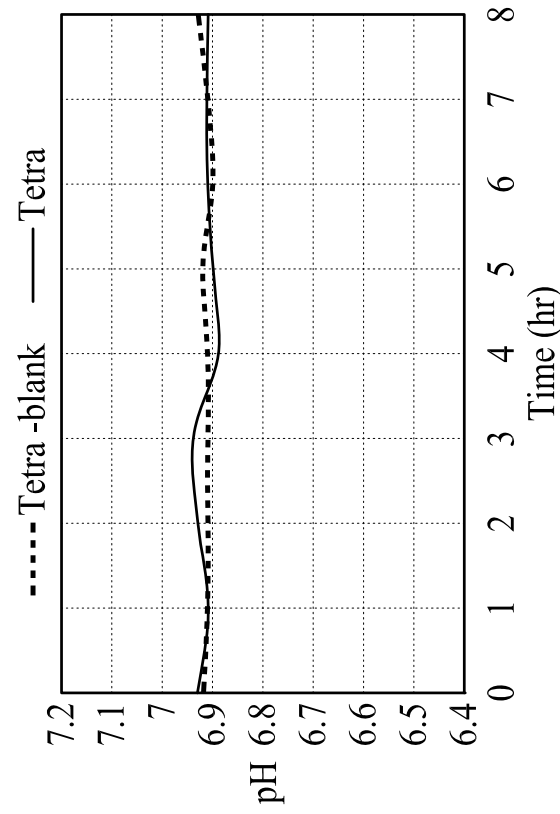


FIG. 4I

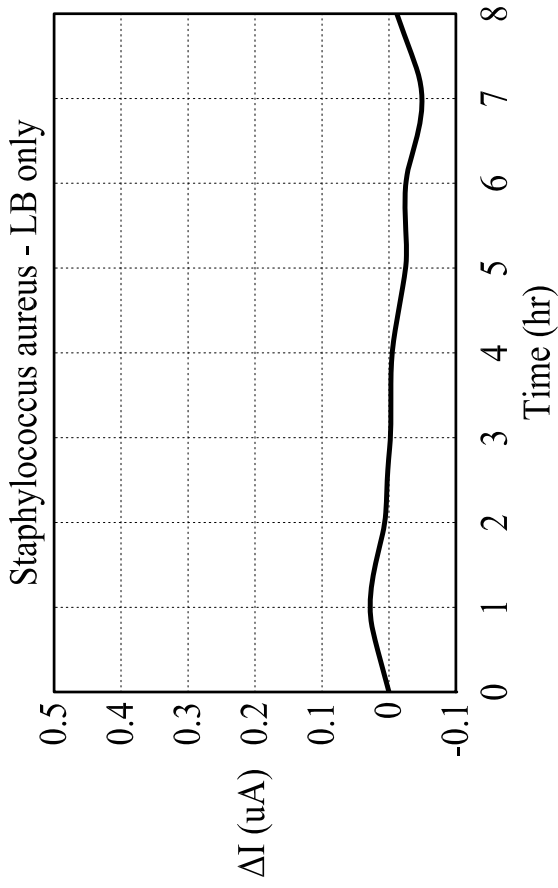


FIG. 5A

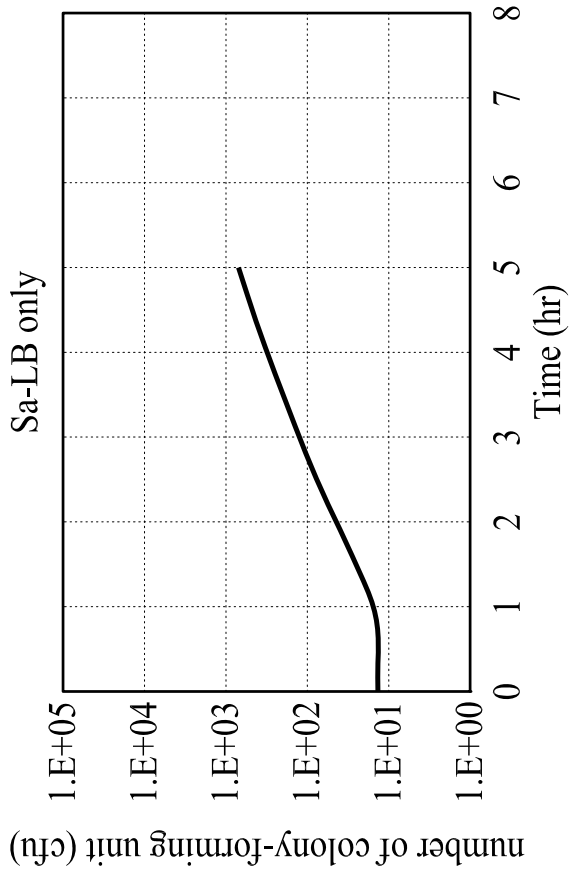


FIG. 5B

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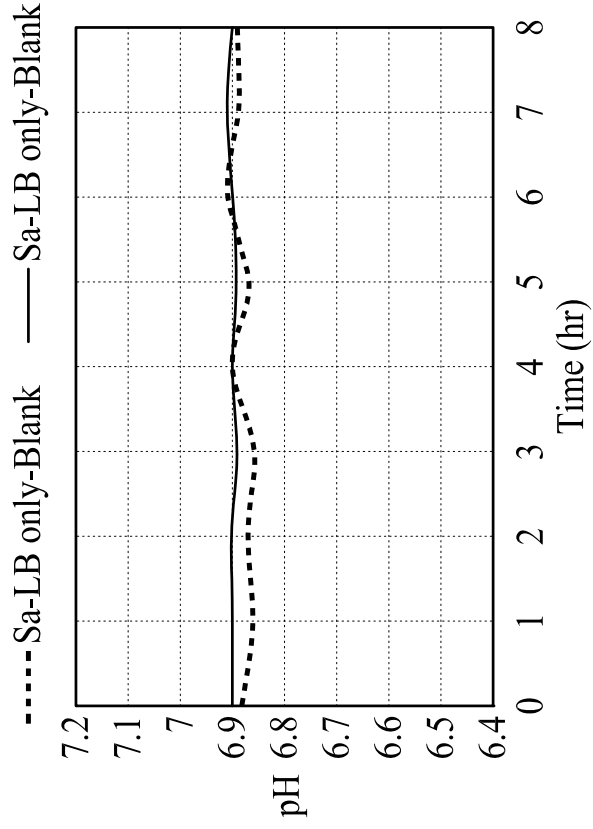


FIG. 5C

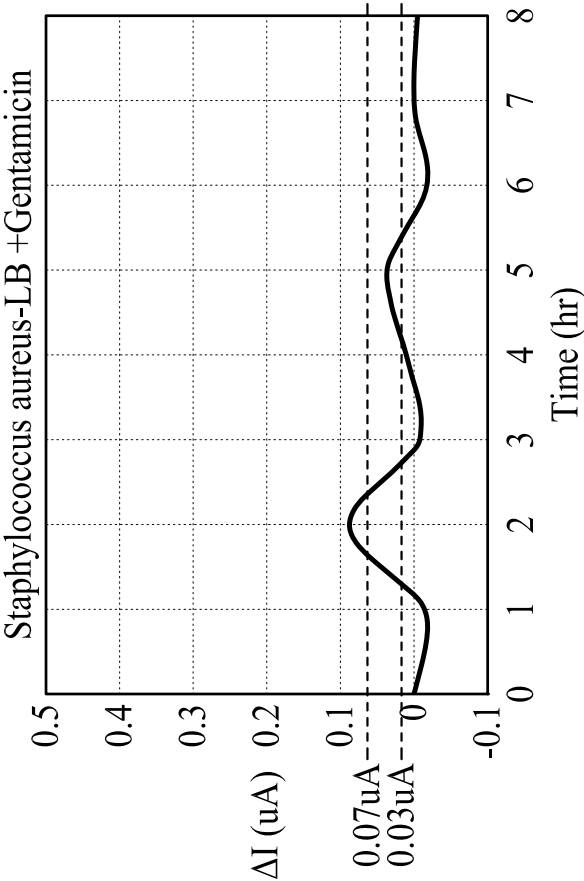


FIG. 5D

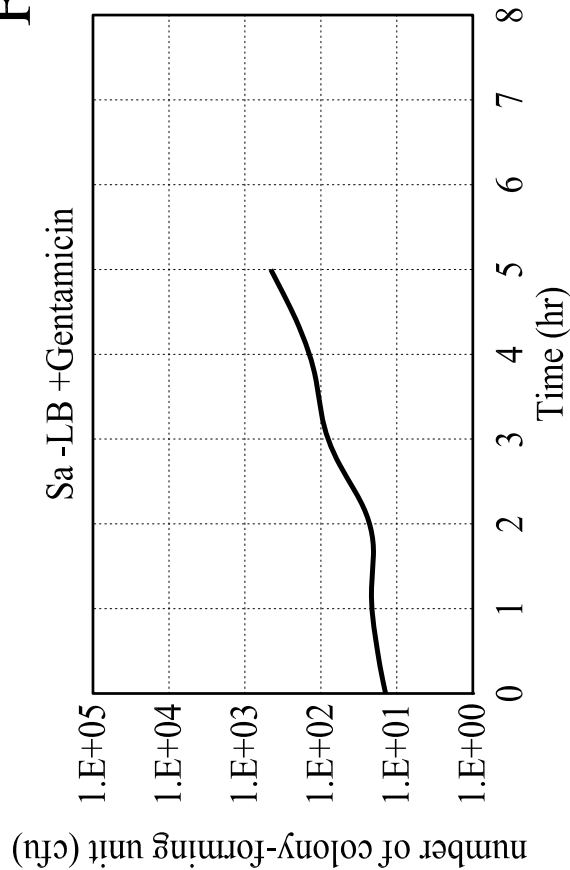


FIG. 5E

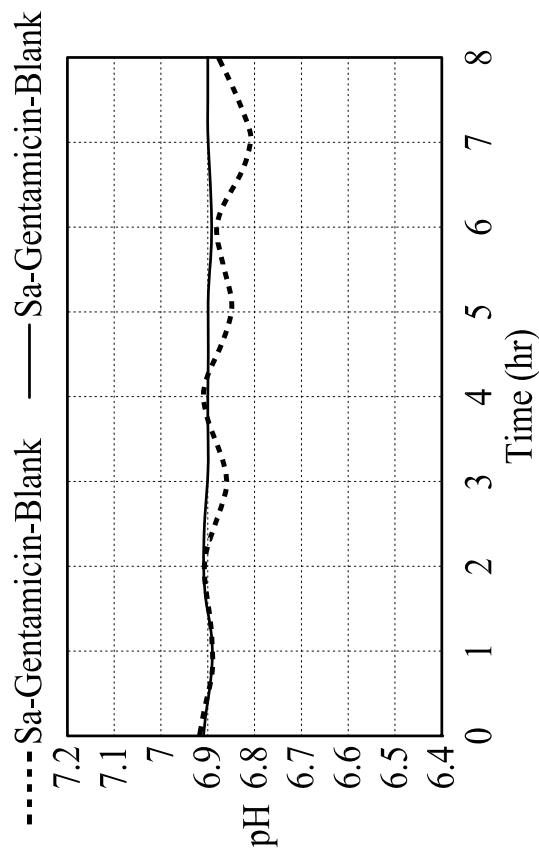


FIG. 5F

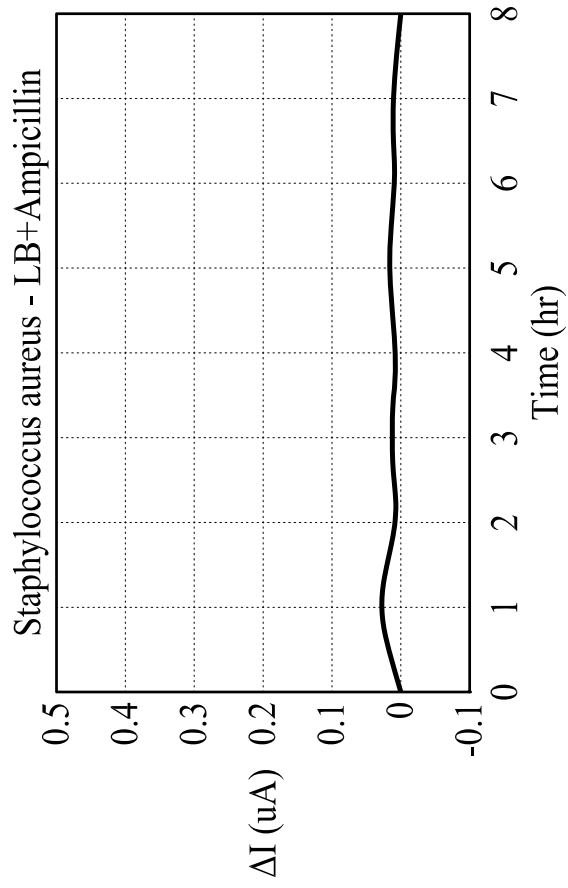


FIG. 5G

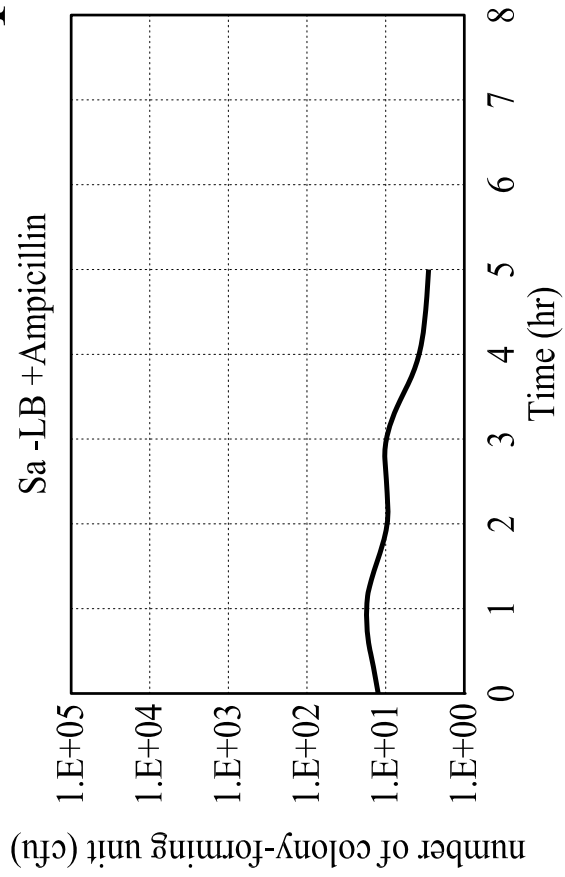


FIG. 5H

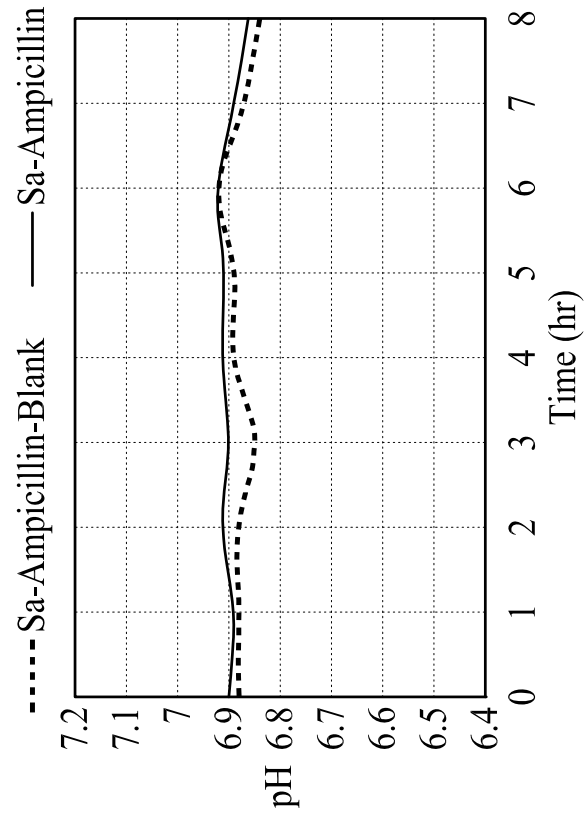


FIG. 5I

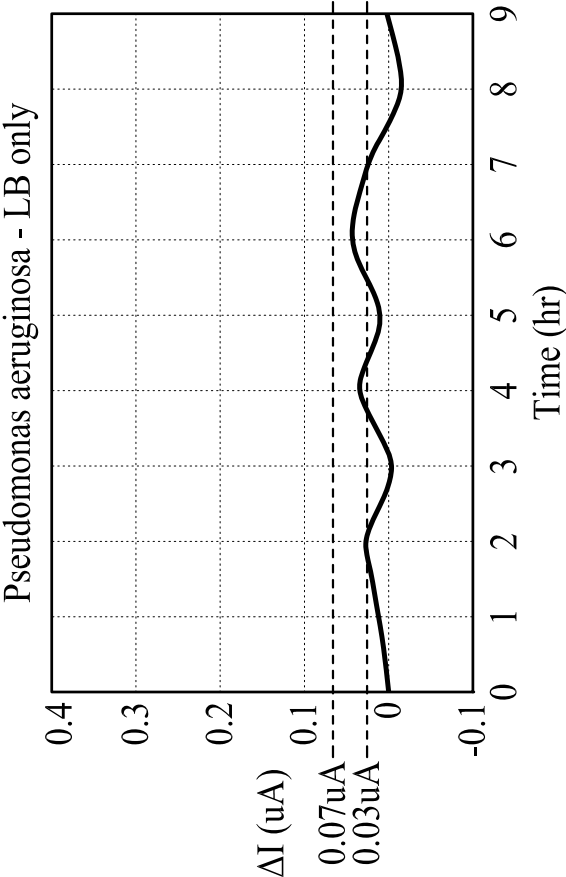


FIG. 6A

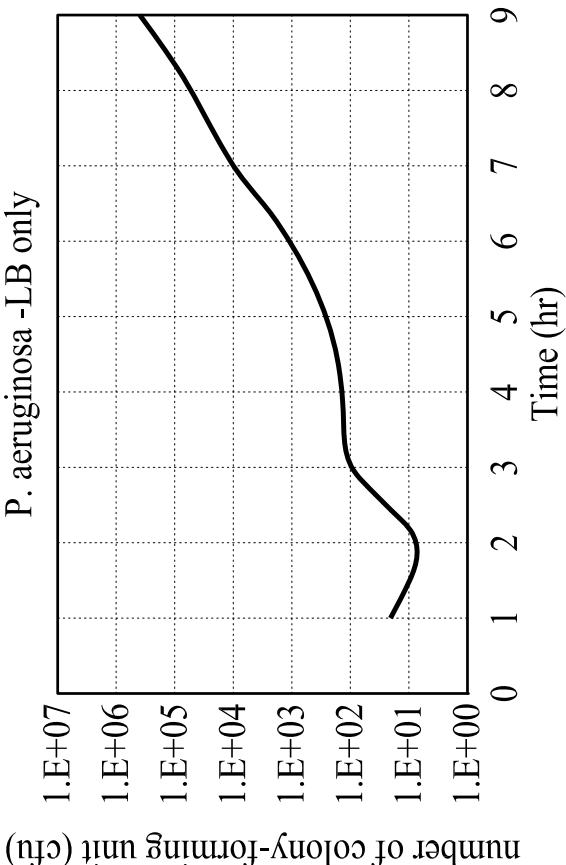


FIG. 6B

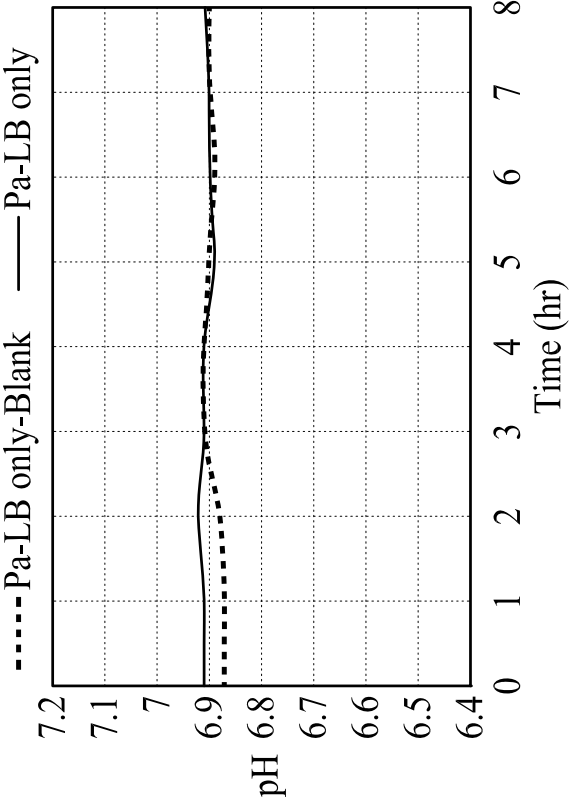


FIG. 6C

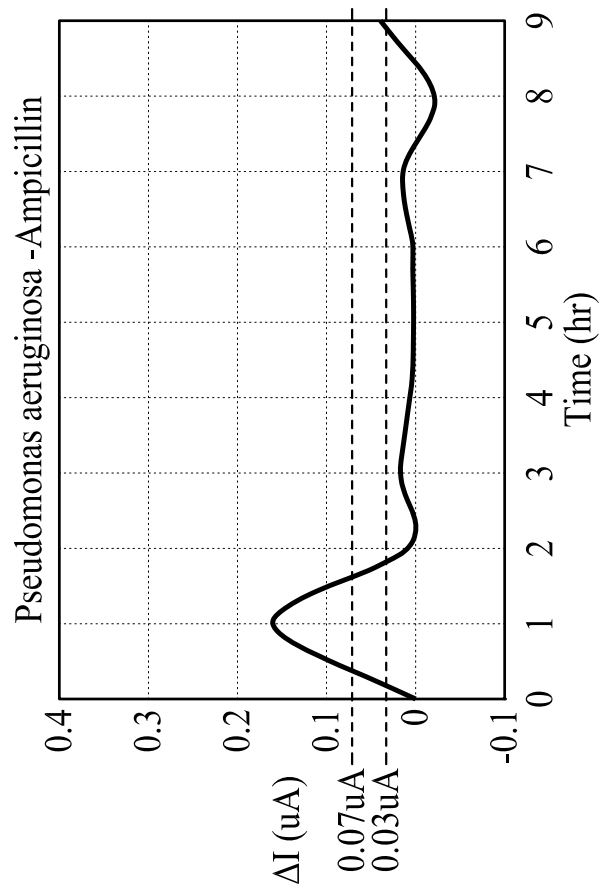


FIG. 6D

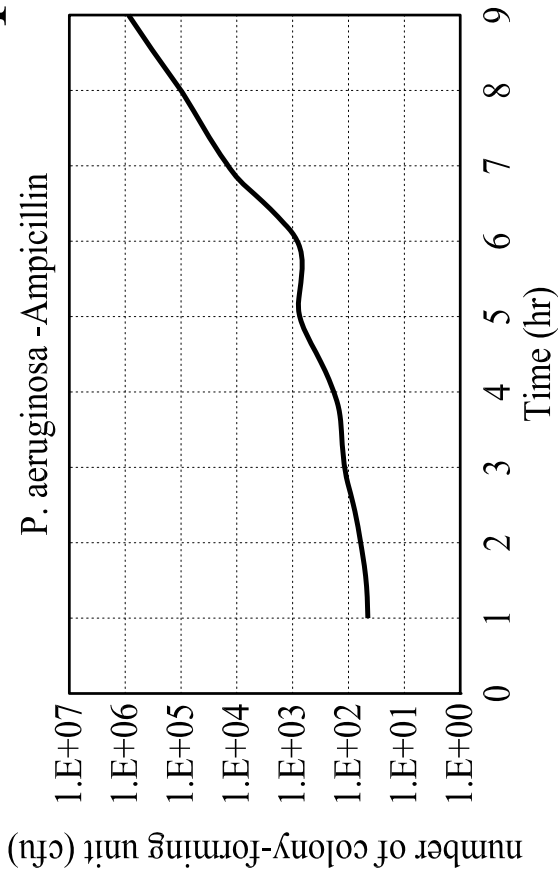


FIG. 6E

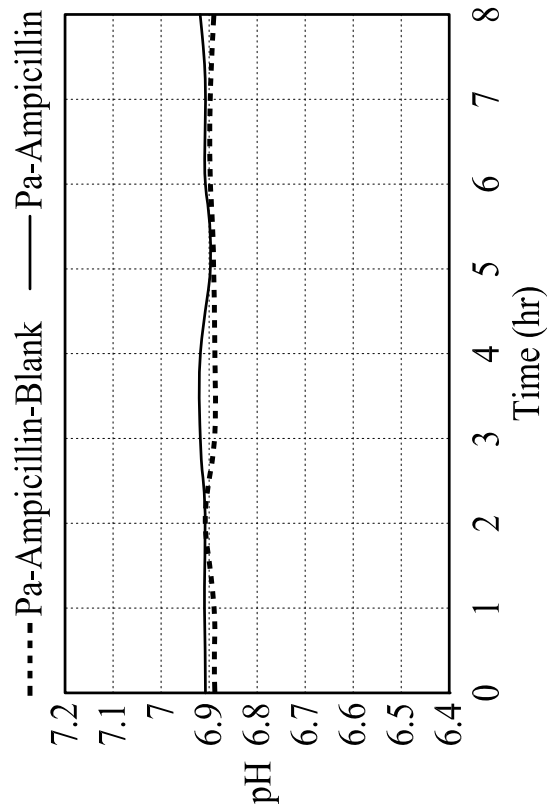


FIG. 6F

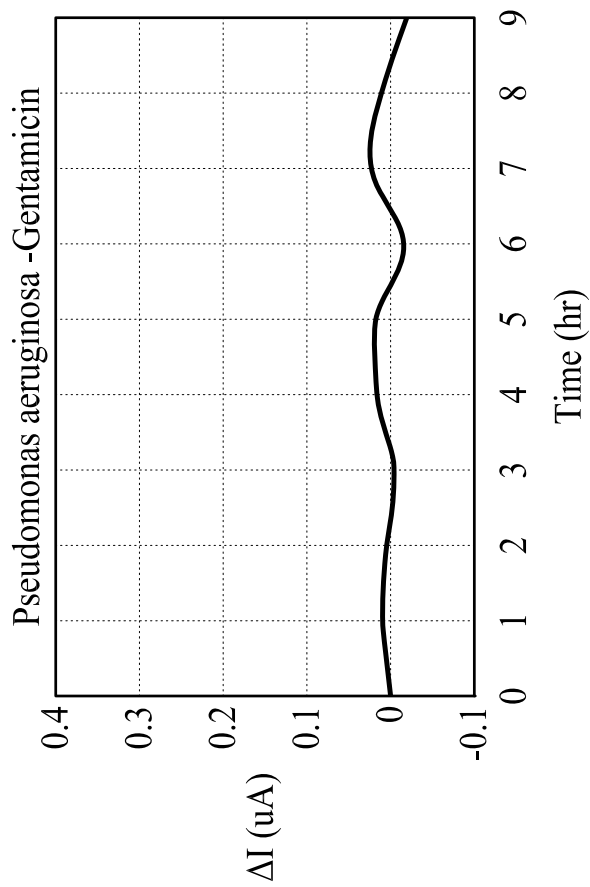


FIG. 6G

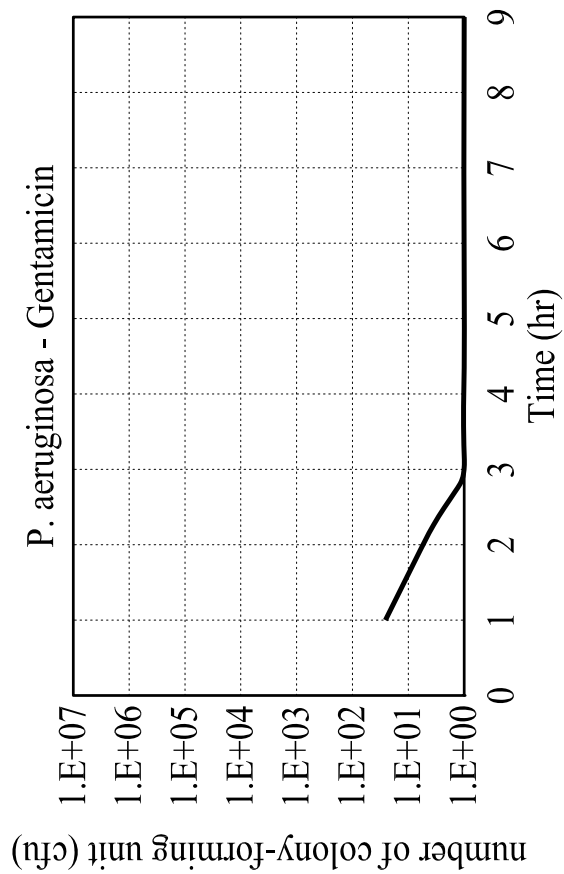


FIG. 6H

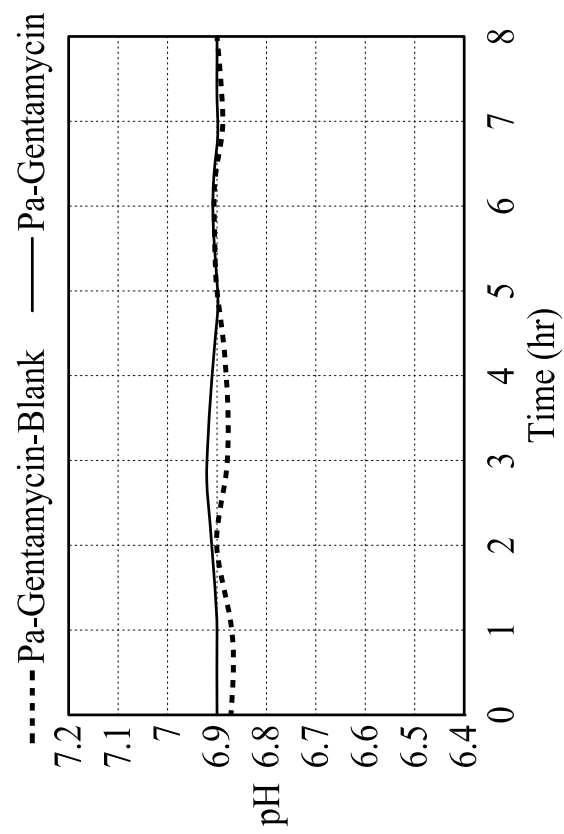


FIG. 6I

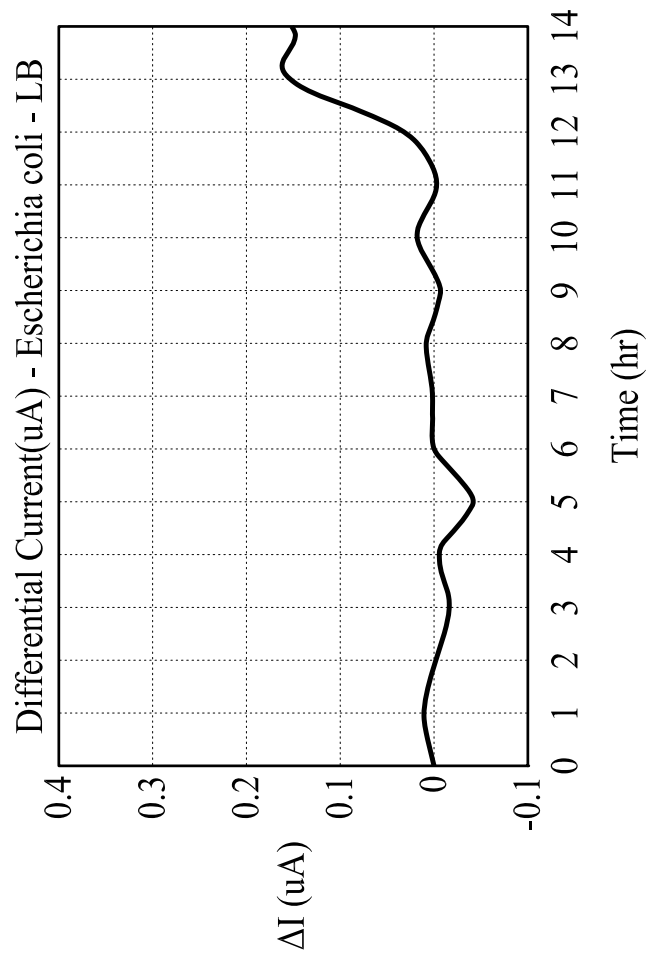


FIG. 7A

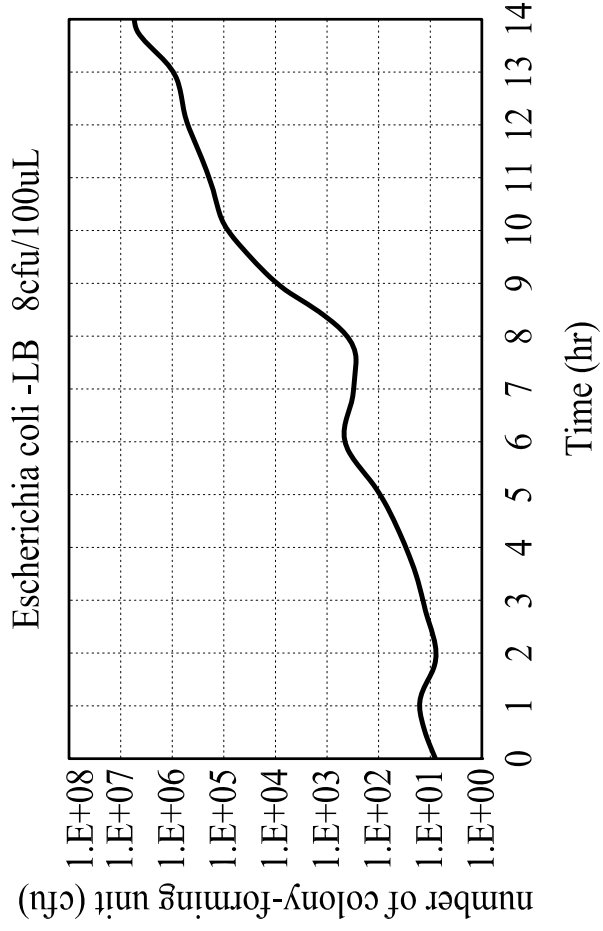


FIG. 7B

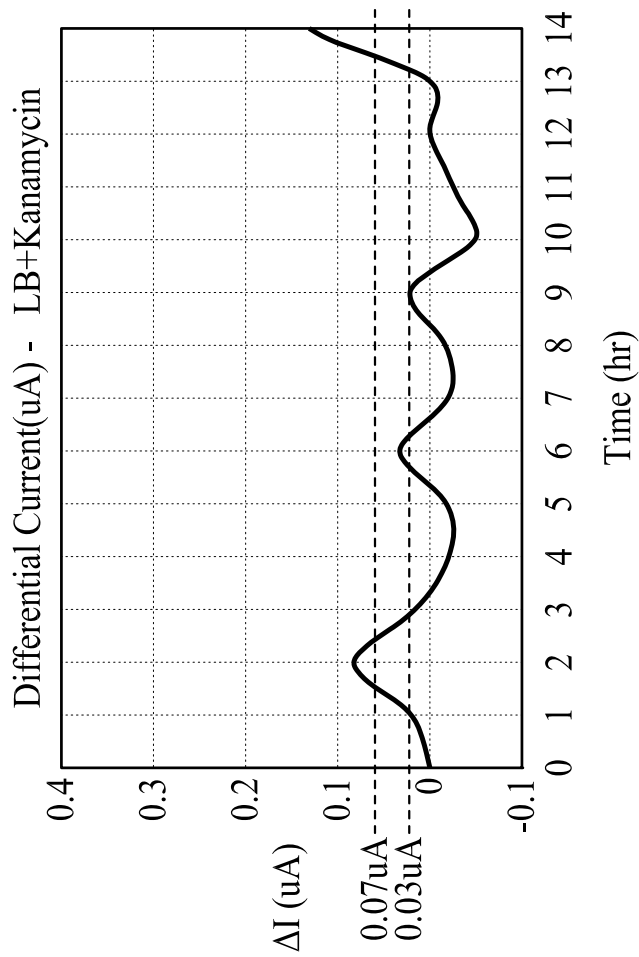


FIG. 7C

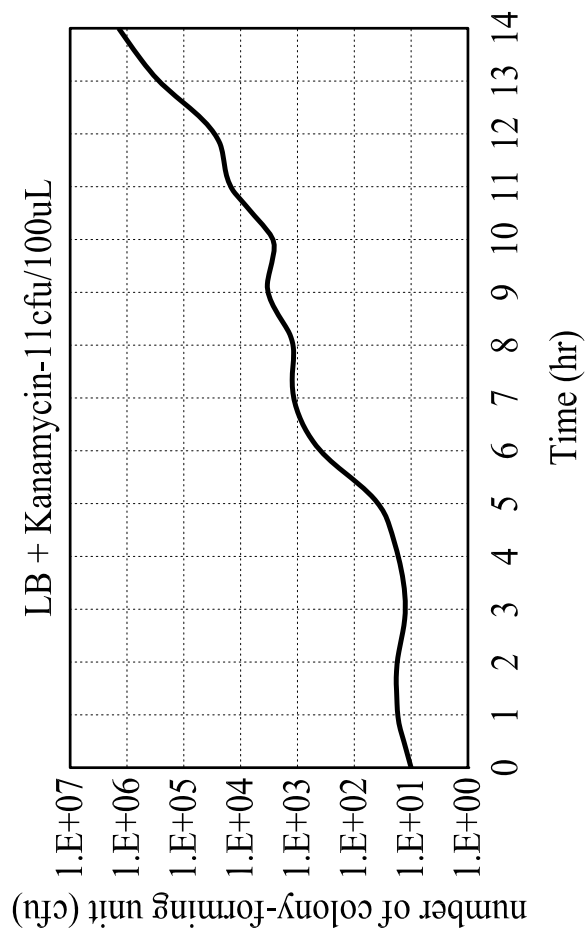


FIG. 7D

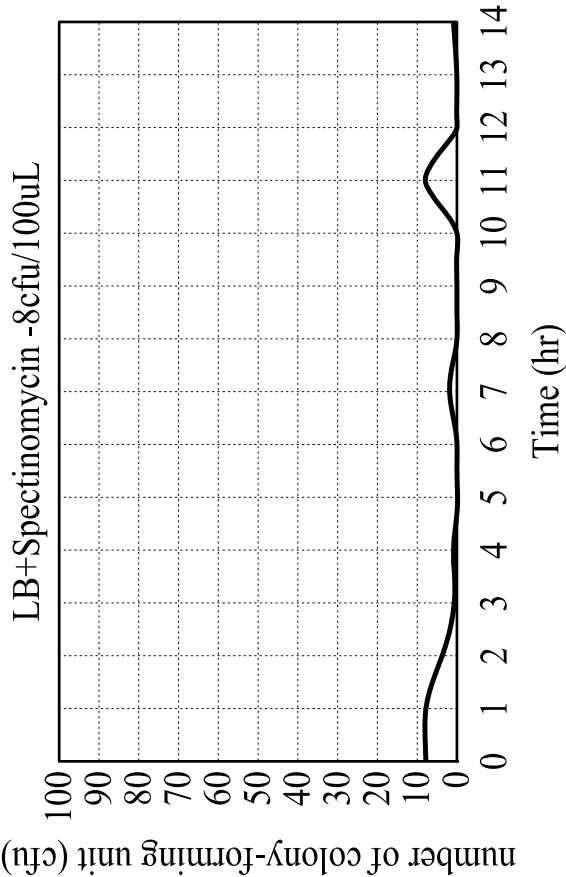


FIG. 7F

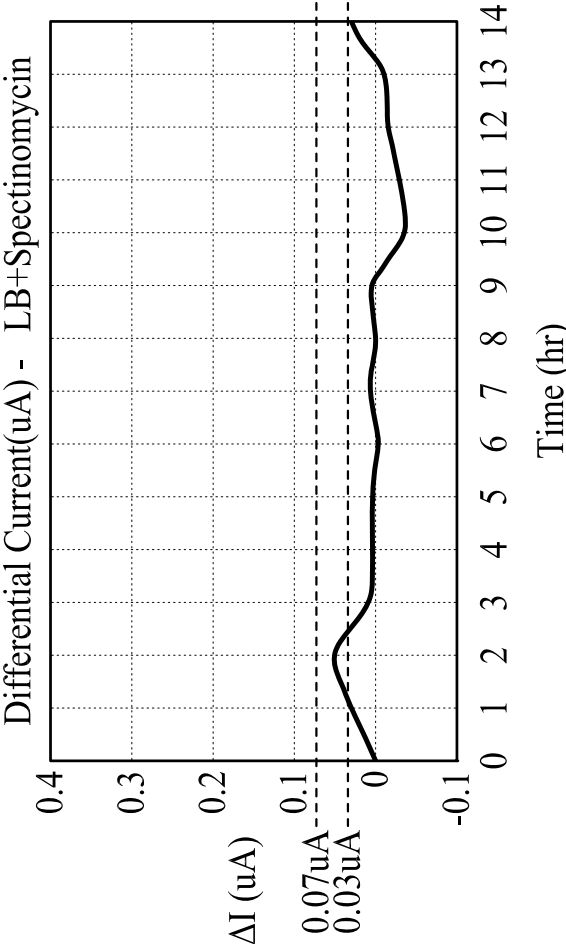


FIG. 7E

Medium	LB broth																	
Antibiotics	w/o antibiotics			Gentamicin			Ampicillin			Tetracycline			Kanamycin			Spectinomycin		
Signal	blip	magnitude	Number	blip	magnitude	Number	blip	magnitude	Number	blip	magnitude	Number	blip	magnitude	Number	blip	magnitude	Number
Klebsiella pneumoniae	0	0	0	1	2	1				1	0	2						
Staphylococcus aureus	0	0	0	1	0/1	2	0	0	0									
Pseudomonas aeruginosa	1	0	2	0	0	0	1	2	1									
Escherichia coli	0	0	0										1	0/1	2	1	0	1

FIG. 8

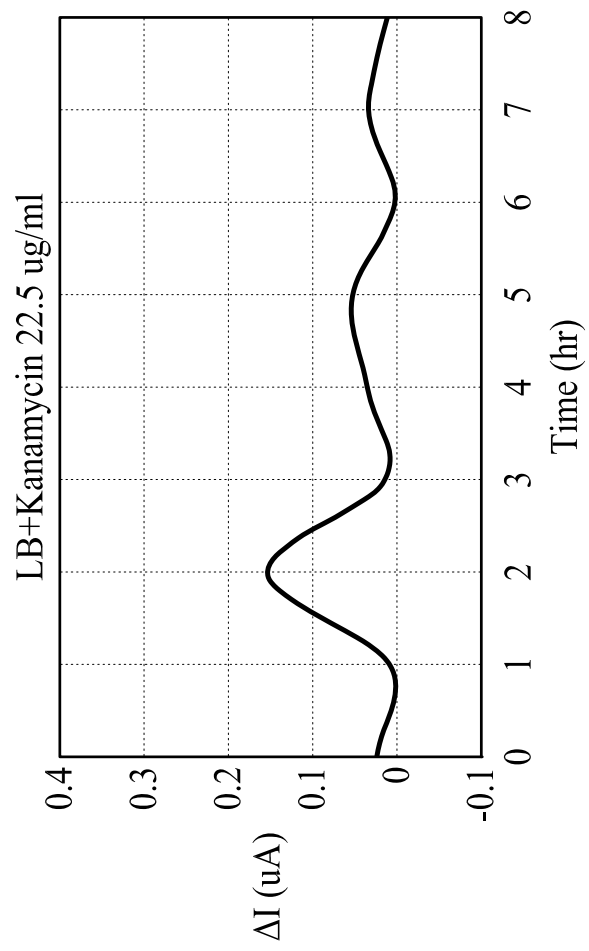


FIG. 9A

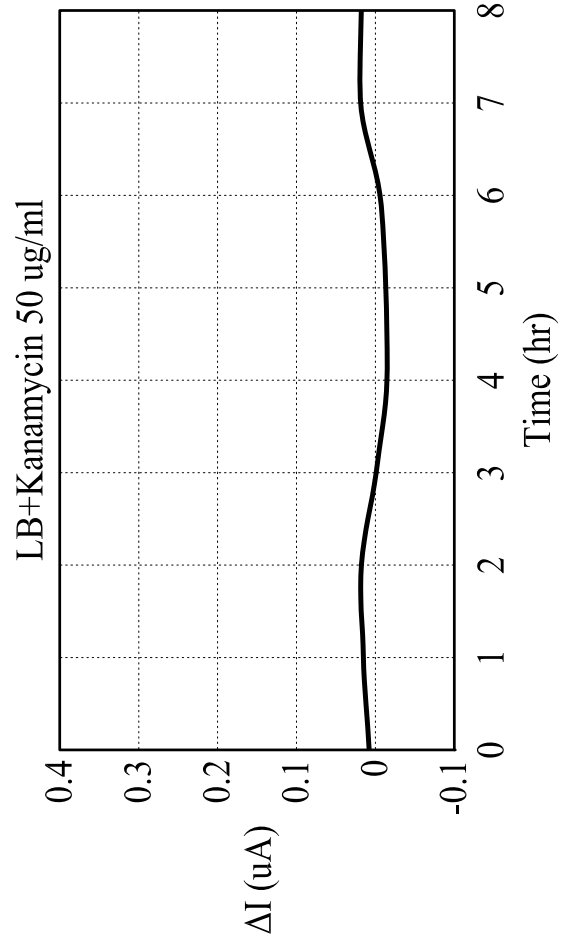


FIG. 9B

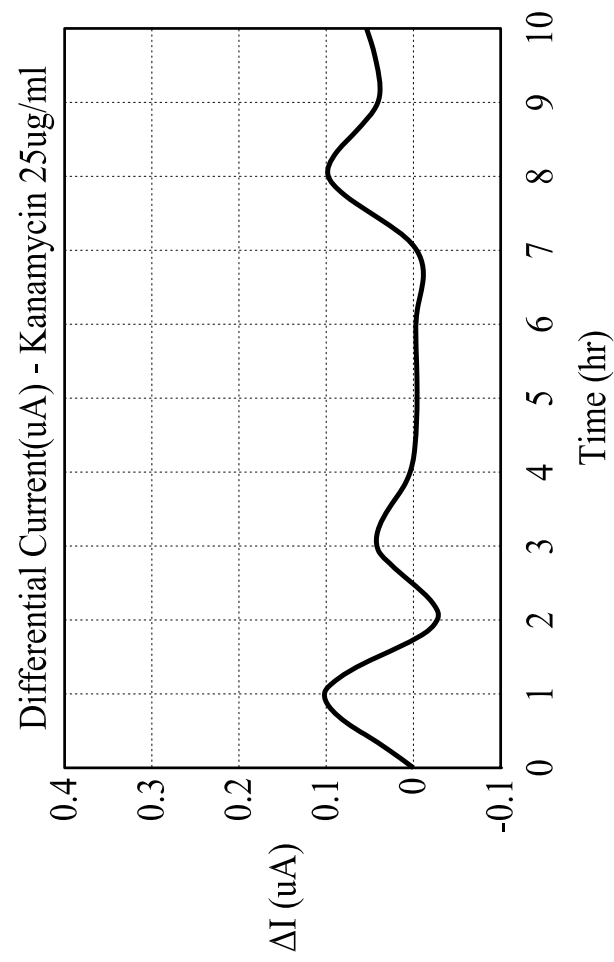


FIG. 10A

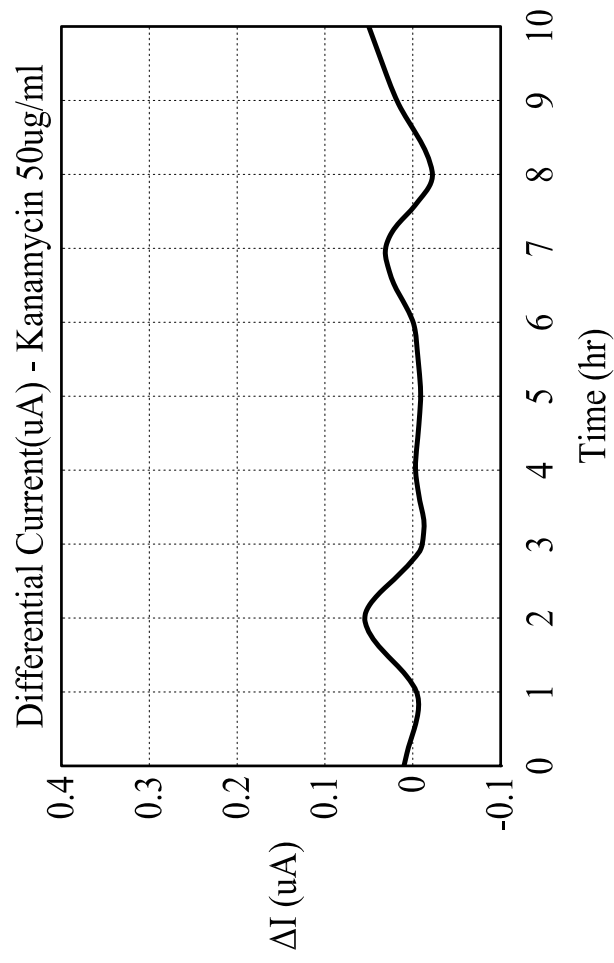


FIG. 10B

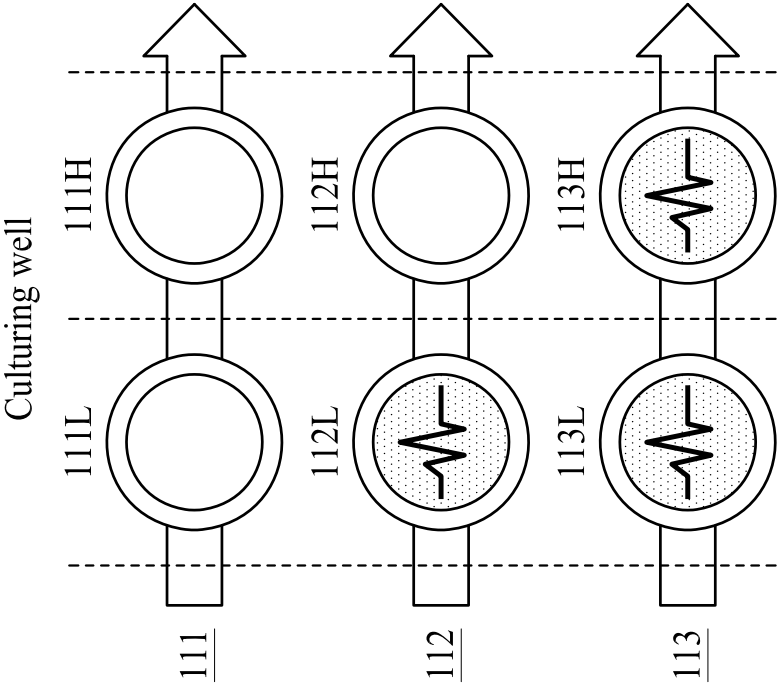


FIG. 11

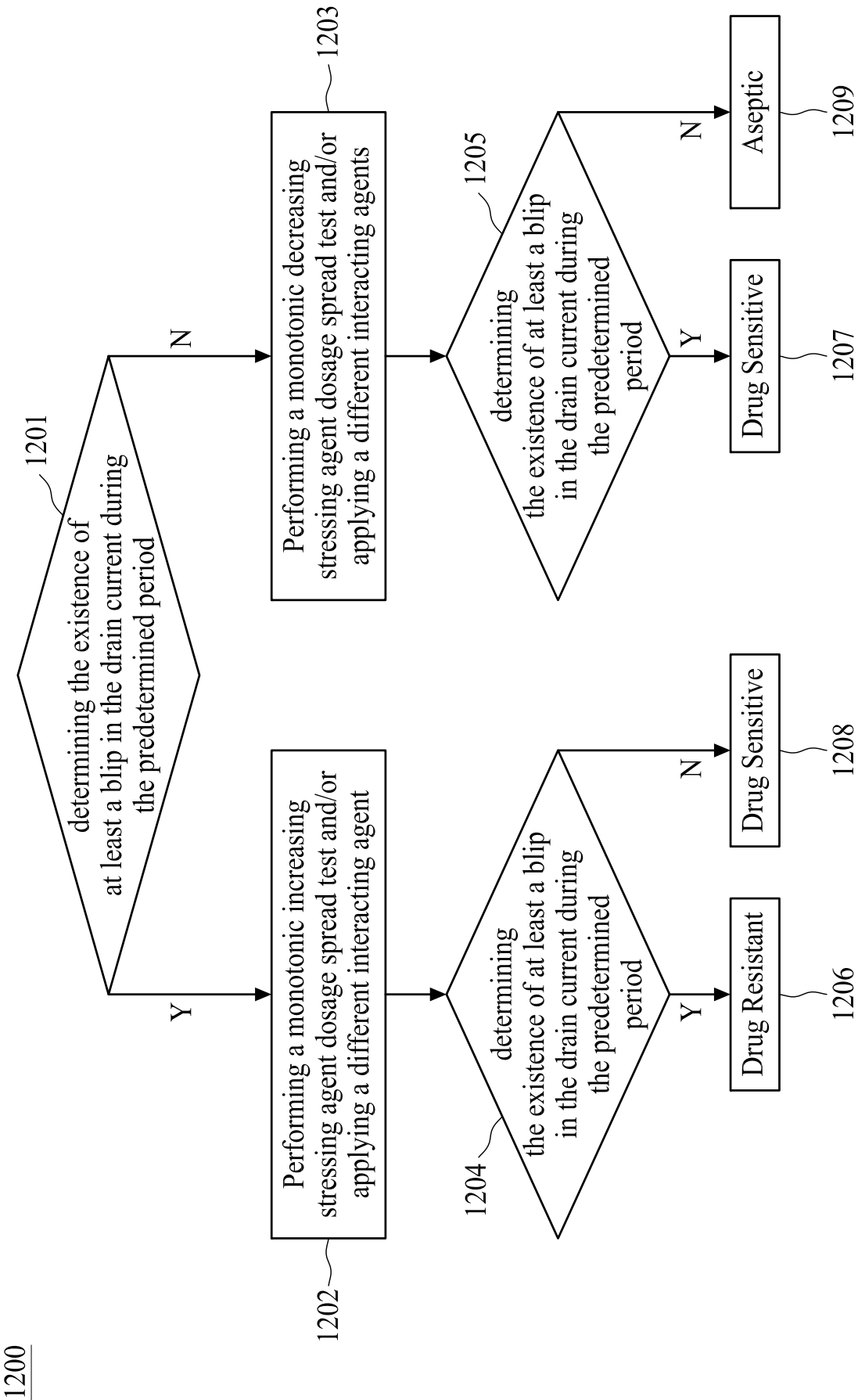


FIG. 12

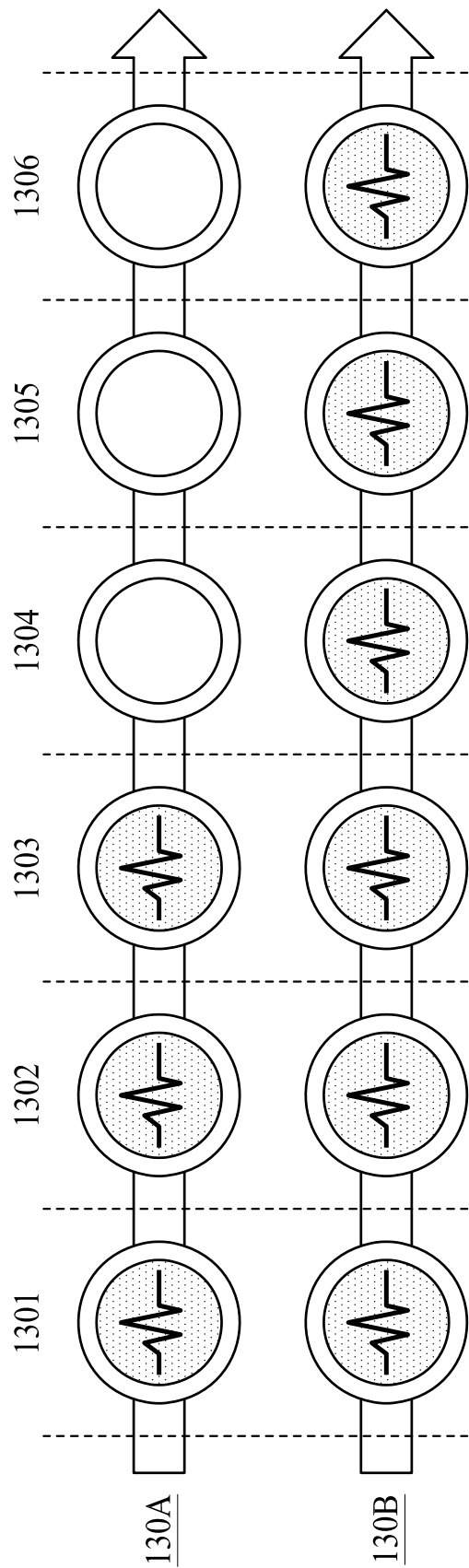


FIG. 13

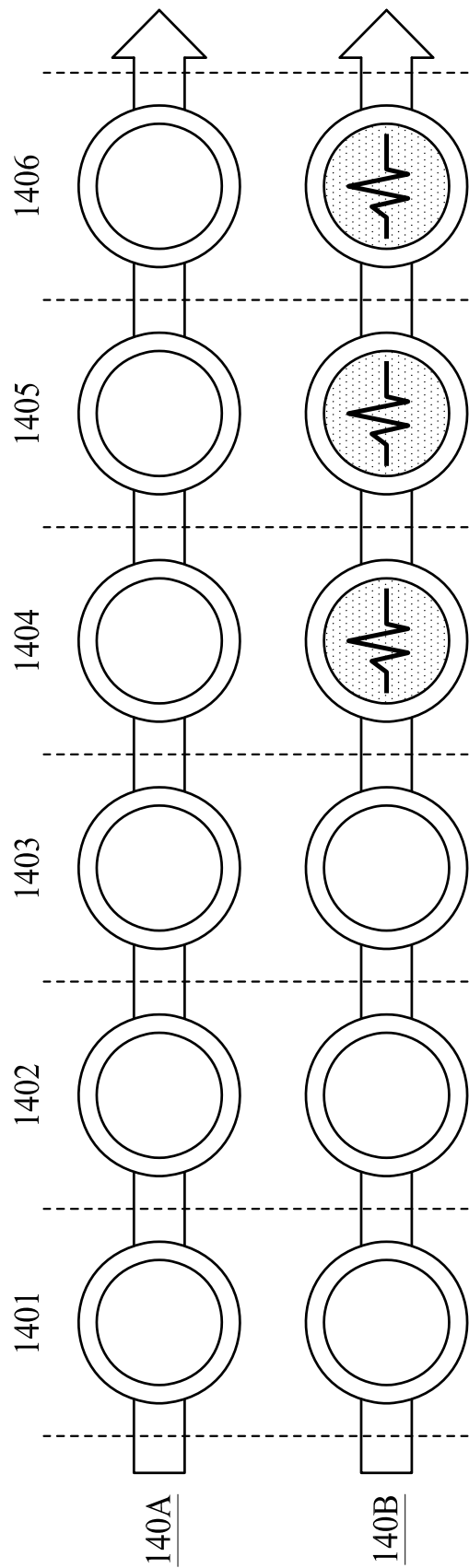


FIG. 14