Apr 29, 2018 Version 1

Antibiotics solutions V.1

DOI
dx.doi.org/10.17504/protocols.io.puddns6

Diego Bonatto[1]

[1]Centro de Biotecnologia da UFRGS

Diego Bonatto
Centro de Biotecnologia da UFRGS

OPEN ACCESS

DOI: dx.doi.org/10.17504/protocols.io.puddns6

Document Citation: Diego Bonatto 2018. Antibiotics solutions. **protocols.io** **https://dx.doi.org/10.17504/protocols.io.puddns6**

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Created: April 29, 2018

Last Modified: April 29, 2018

Document Integer ID: 11877

Keywords: Antibiotics solutions, culture medium, Escherichia coli

Abstract

Antibiotic Concentrations

	Ampicillin	100 mg/mL	100 µg/mL
	Bleocin	5 mg/mL	5 µg/mL
	Carbenicillin*	100 mg/mL	100 µg/mL
	Chloramphenicol	25 mg/mL (dissolve in EtOH)	25 µg/mL
	Coumermycin	25 mg/mL (dissolve in DMSO)	25 µg/mL
	Gentamycin	10 mg/mL	10 µg/mL
	Kanamycin	50 mg/mL	50 µg/mL
	Spectinomycin	50 mg/mL	50 µg/mL
	Tetracycline	10 mg/mL	10 µg/mL

Note: *Unless otherwise indicated, the antibiotic powder can be dissolved in* dH_2O.

****Note:*** *Carbenicillin can be used in place of ampicillin. Carbenicillin is more stable, so it is potentially more effective at selecting only bacteria containing the plasmids of interest (for example, fewer satellite colonies will grow). However, it is also more expensive.*