

**190% Steinberg solution (pH 7.8~8.0)**

	MW	Final concentration (mM)	500mL	1000mL
NaCl	58.44	110	3.23 g	6.46 g
KCl	74.5513	1.29	0.048 g	0.096 g
Ca(NO <sub>3</sub> ) <sub>2</sub> · 4H <sub>2</sub> O	236.15	0.64	0.076 g	0.152 g
MgSO <sub>4</sub> · 7H <sub>2</sub> O	246.47	1.58	0.195 g	0.39 g
Tris (Trizma)	121.14	8.78	0.532 g	1.064 g
0.5% Phenol Red			100 µL	200 µL

↓

Adjust solution to pH 7.8~8.0

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Mess up to 500 mL or 1000 mL

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Filtration 0.22 µm↓

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4°C

☆ Added 50mg/ml gentamicin just before use. (1µl / mL)