

## Stigma-Based Medium (adapted)

Component	Final conc.	Amount/L	Amount/250mL
M9 salts 10X	1X	100mL	25mL
CaCl <sub>2</sub> 1M	0.1mM	100μL	25μL
MgSO <sub>4</sub> 1M	2mM	2mL	500μL
Glucose 20%	0.1%	5mL	1.25mL
Fructose 20%	0.1%	5mL	1.25mL
Amino Acid supplement 0.2%	0.002%	10mL	2.5mL
Nicotinic Acid 10g/L	0.0001%	100μL	25μL
ddH <sub>2</sub> O		to FV 1L	to FV 250mL
<i>Filter-sterilize</i>			

## M9 Salts 10X

Component	Amount/L
Disodium Hydrogen Phosphate dihydrate, Na <sub>2</sub> HPO <sub>4</sub> × 2H <sub>2</sub> O	85.4g
(Mono)Potassium Phosphate, KH <sub>2</sub> PO <sub>4</sub>	30g
Ammonium Chloride, NH <sub>4</sub> Cl	10g
Sodium Chloride, NaCl	5g
ddH <sub>2</sub> O	to FV 1L
<i>Autoclave or filter-sterilize</i>	

## Calcium Chloride (CaCl<sub>2</sub>) 1M

Component	Amount/40mL
CaCl <sub>2</sub> × 2H <sub>2</sub> O	5.88g
ddH <sub>2</sub> O	to FV 40mL
<i>Autoclave or filter-sterilize</i>	

or

Component	Amount/40mL
CaCl <sub>2</sub>	4.43g
ddH <sub>2</sub> O	to FV 40mL
<i>Autoclave or filter-sterilize</i>	

## Magnesium Sulfate (MgSO<sub>4</sub>) 1M

Component	Amount/40mL
MgSO <sub>4</sub>	4.81g
ddH <sub>2</sub> O	to FV 40mL
<i>Autoclave or filter-sterilize</i>	

### Glucose 20%

Component	Amount/100mL
Glucose powder	20g
ddH <sub>2</sub> O	to FV 100mL
<i>Filter-sterilize</i>	

### Fructose 20%

Component	Amount/100mL
Fructose powder	20g
ddH <sub>2</sub> O	to FV 100mL
<i>Filter-sterilize</i>	

### Amino Acid supplement 0.2%

Component	Amount/100mL
SC Powder	0.2g
ddH <sub>2</sub> O	to FV 100mL
<i>Filter-sterilize</i>	

### Nicotinic Acid 10g/L

Component	Amount/40mL
Nicotinic Acid powder	0.4g
ddH <sub>2</sub> O	to FV 40mL
<i>Filter-sterilize</i>	