



## PLATES

### GLUCOSE -TRP PLATES

0.74g	CSM - TRP
6.7g	YNB
20g	AGAR
900mL	H2O

AUTOCLAVE

ADD 100mLs OF STERILE GLUCOSE AND POUR

### GLUCOSE -TRP -URA -HIS PLATES

0.70g	CSM - TRP -HIS -URA
6.7g	YNB
20g	AGAR
900mL	H2O

AUTOCLAVE

ADD 100mLs OF STERILE GLUCOSE AND POUR

### **GALACTOSE/ RAFFINOSE -TRP -URA -HIS -LEU (FOR LIBRARY TRANSFORMATIONS)**

0.60g	CSM -TRP -HIS -URA -LEU
6.7g	YNB
20g	AGAR
850mL	H2O

AUTOCLAVE

ADD **100 mLs** OF STERILE **GALACTOSE**  
ADD **50 mLs** OF STERILE **RAFFINOSE** AND POUR

## **GLUCOSE - X-GAL PLATES -TRP -HIS -URA**

0.70g        CSM - TRP -HIS -URA  
6.7g        YNB  
20g         AGAR  
796mL      H2O

AUTOCLAVE

ADD 100mLs OF STERILE **GLUCOSE**

COOL TO 60 oC OR BELOW

ADD 100 mLs OF **10X BU SALTS**

ADD 4 mLs OF 20 mg/ mL **X-GAL** DISSOLVED IN DMF (DIMETHYL  
FORMAMIDE) (STORED AT -20 C)

## **GALACTOSE/ RAFFINOSE - X-GAL PLATES -TRP -HIS -URA**

0.70g        CSM - TRP -HIS -URA  
6.7g        YNB  
20g         AGAR  
746mL      H2O

AUTOCLAVE

ADD 100mLs OF STERILE **GALACTOSE**

ADD 50mLs OF STERILE **RAFFINOSE**

COOL TO 60 oC OR BELOW

ADD 100 mLs OF **10X BU SALTS**

ADD 4 mLs OF 20 mg/ mL **X-GAL** DISSOLVED IN DMF (DIMETHYL  
FORMAMIDE) (STORED AT -20 C)