

YEP Media

1L 4L

10g 40g Yeast Extract (Fisher BP1422-2)
20g 80g Peptone (USBio P3300)
10mL 40mL 100X AA stock of each, ADE, TRP, and URA
(100X Stock solutions ADE (6g/L), TRP (8g/L), URA (2g/L))

Add all ingredients and stir till dissolved
Bring H₂O up to 900mL (for 1 L) or 3.6L (for 4 L) and put into 1L bottles
Autoclave

For Plates

Add 20g agar in the 1L bottle, and transfer 900mL YEP.
Put stir bar
and stir till lumps are gone (will not be in solution till autoclave)
Autoclave 35 minutes (depends on efficiency of autoclave)
Add 100mL of 10X sugar (20% Glucose, 30% Galactose, or 30% Raffinose stock)
Stir till cool enough to touch
Pour Plates

Amino Acid and Nucleotide List				100X Stock		
1	ade	A9126-100G	Sigma	6	g/L	1
2	ura	U0750-100g	Sigma	2	g/L	2
3	his	H8125-100g	Sigma	2	g/L	3
4	leu	L8000-100G	Sigma	12	g/L	4
5	trp	T0254-500g	Sigma	8	g/L	5
6	arg	A5006-100g	Sigma	2	g/L	6
7	asp	A6683-100G	Sigma	10	g/L	7
8	glu	G1501-100G	Sigma	10	g/L	8
9	phe	P2126-100g	Sigma	5	g/L	9
10	lys	L5626-100g	Sigma	3	g/L	10
11	met	M9625-100G	Sigma	2	g/L	11
12	ser	S4500-1KG	Sigma	37.5	g/L	12
13	thr	T8625-1kg	Sigma	20	g/L	13
14	val	V0500-100G	Sigma	15	g/L	14
15	tyr	T3754-100G	Sigma	3	g/L	15
16	ile	I2752-25G	Sigma	3	g/L	16

Note:

Filter sterilize 100X stocks and store at 4°C except keep Ura, Ade, and Leu at RT
Our 100X ADE stock is more concentrated than the ade in the drop-out powder