

Media recipes

ELN23004193

THURSDAY, 14/09/2023

MS media (agar or liquid)

	A	B	C
1	ingredient	amount (g/L)	Comments
2	soy flour	16	
3	mannitol	16	
4	agar		If solid
5	tap water	800 mL	
6	NaOH 5M	?	
7	note: better prepare 800 mL to not spill media in autoclave		
8	MgCl ₂ 2M (After autoclaving, before plating)	4 mL	
9			

Am2ab

	A	B	Volume to be prepared	Comments
1	Ingredient	Amount (g/L)	0.35	
2	Soluble starch	5	1.75	
3	Glucose	20	7	
4	Yeast extract	2	0.7	
5	Bacteriological Peptone	2	0.7	
6	Soya flour	5	1.75	
7	MgSO ₄ x 7H ₂ O	0.5	0.175	
8	KH ₂ PO ₄	0.5	0.175	
9	NaCl	4	1.4	
10	CaCO ₃	2	0.7	
11	Milli-Q water	up to 1 L	350	

DNPM media

^

	A	B	C
1	Ingredient	Amount (g/L)	Comments
2	dextrin	40	
3	peptone from meat, bacteriological	7.5	original recipe from medina calls for peptone N-Z soy BL
4	yeast extract	5	
5	MOPS	21	
6	water	1000 mL	
7	pH adjusted to 7	(roughly 7.5 mL of 5 N NaOH per 1000 mL)	

ISP2 (solid or liquid)

^

	A	B	C	D
1	Ingredient	Amount (g/L)	1	Comments
2	Yeast ext Bacto	4		
3	malt extract	10	10	
4	Dextrose (D-glucose)	4	4	
5	Agar	20		if solid media
6	Dist water	up to 1L	1000	