

MEDIA RECIPES

For *M. xanthus*

(amounts for 750ml in 1L bottles)

	Casitone	Yeast	1M Tris	1M KPO ₄	0.8M MgSO ₄	Agar*	pH
1% CTT	7.5g	-	7.5ml	0.75ml	7.5ml	11.25g	7.6
1/2% CTT	3.75g	-	7.5ml	0.75ml	7.5ml	11.25g	7.6
CTTYE	7.5g	1.5g	7.5ml	0.75ml	7.5ml	11.25g	7.6
CTTSA	7.5g	-	7.5ml	0.75ml	7.5ml	7.5g	7.6
TPM	-	-	7.5ml	0.75ml	7.5ml	11.25g	7.6
TPMSA	-	-	7.5ml	0.75ml	7.5ml	7.5g	7.6
CF**	0.1125	-	7.5ml	0.75ml	7.5ml	11.25g	7.6

For Mx8 Plate Stock

(amounts for 750ml in 1L bottles)

	Tryptone	Yeast	1M MgCl ₂	1M CaCl ₂	1M NaCl	Agar*	pH
YT	7.5g	3.75g	0.75ml	0.75ml	0.75ml	7.5g	7.6

For *E. coli*

(amounts for 750ml in 1L bottles)

	Tryptone	Yeast	1M MgCl ₂	1M CaCl ₂	NaCl	Agar*	pH
L	7.5g	3.75g	-	-	3.75g	8.25g	7.4
LB	7.5g	3.75g	-	-	7.5g	11.25g	7.5
LC	7.5g	3.75g	-	3.75ml	3.75g	8.25g	7.4

*Use a stirbar when adding agar

**After autoclaving add:
5ml 4% (NH₄)₂SO₄
5ml 20% Pyruvate
10ml 20% Citrate