

ATCC Medium: 416 Lactobacilli MRS Agar/Broth

Agar Medium

Lactobacilli MRS Agar (BD 288210).....	70 g
DI Water.....	1000 ml

Boil to dissolve agar. Autoclave at 121°C.

Broth Medium

Lactobacilli MRS Broth (BD 288130).....	55.0 g
DI Water.....	1000 ml

Autoclave at 121°C.

*This product is commercially available from BD.

To make medium from scratch, follow formulation below:

Lactobacilli MRS Broth Composition

Proteose Peptone #3.....	10.0 g
Beef Extract.....	10.0 g
Yeast Extract.....	5.0 g
Dextrose.....	20.0 g
Sorbitan Monooleate.....	1.0 g
Ammonium Citrate.....	2.0 g
Sodium Acetate.....	5.0 g
MnSO ₄ x H ₂ O.....	0.05 g
Na ₂ HPO ₄	2.0 g
DI Water.....	1000 ml

Final pH 6.5 +/- 0.2