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