

Recipes

Malt extract broth (MEB)

Mix 8.5g Malt extract [Millipore, VM999391143], 1.5g BD Bacto™ Proteose peptone No. 3 (211693), 500 ml purified H₂O, in an autoclavable container with stirring. Adjust pH using 1M NaOH and 1 M HCl. Autoclave at 121°C for 20 minutes.

Malt extract agar (MEA)

Mix 15g Malt extract [Millipore, VM999391143], 2.5g BD Bacto™ Proteose peptone No. 3 (211693), 7.5g agar (Merck Millipore, CAS 9002-18-0), 500 ml purified H₂O. Adjust pH using 1M NaOH and 1 M HCl. Autoclave at 121°C for 20 minutes. After autoclaving, pour the hot liquid into petri dishes and let cool.

Sabouraud agar (SAB)

Mix 10g Neopeptone (Difco 211681), 20g D(+) Glucose (Merck 1.08337), 5 g Bacto Yeast extract (Difco 212750), and 1L RO water in an adequate container. Mix well, and adjust pH to 6.0 to 6.5 using 1 M HCl. Add 0.1 mL Chloramphenicol (KA K 0007), and 20g Agar Bacteriological (Oxoid LP0011). Heat up to boiling temperature and mix well. Then, autoclave at 121 °C for 15 min. Pour hot liquid into petri dishes.

Potato dextrose agar (PDA)

Mix 39g Potato Dextrose Agar (Oxoid CM 139) and 1L RO water in adequate container. Heat up to boiling temperature and mix well. Then, autoclave at 121 °C for 15 min. Pour hot liquid into petri dishes.

Dichloran glycerol agar (DG18)

Mix 31.5 Dichloran-Glycerol (DG18) Agar Base (Oxoid CM 729), 220g Glycerol 85% (Merck 1.04094) and 1L RO water in an adequate container. Add 1 mL Spormetalløsning til CZID (Ka_K-0009) and 1 mL Chloramphenicol (KA K 0007), heat and mix well. Then, autoclave at 121 °C for 15 min. Allow the liquid to cool to 50°C, then add 10 ml chlortetracycline solution (5 mg/mL) (Ka_K-0010), mix well, and pour into petri dishes.