

Preparation and sterilization Of culture media

Culture of bacteria

Streak plate method

Media : referring to the substances were organism grown , it design to mimic the environment which the bacteria grown naturally

Sugar

Nitrogen

Elements

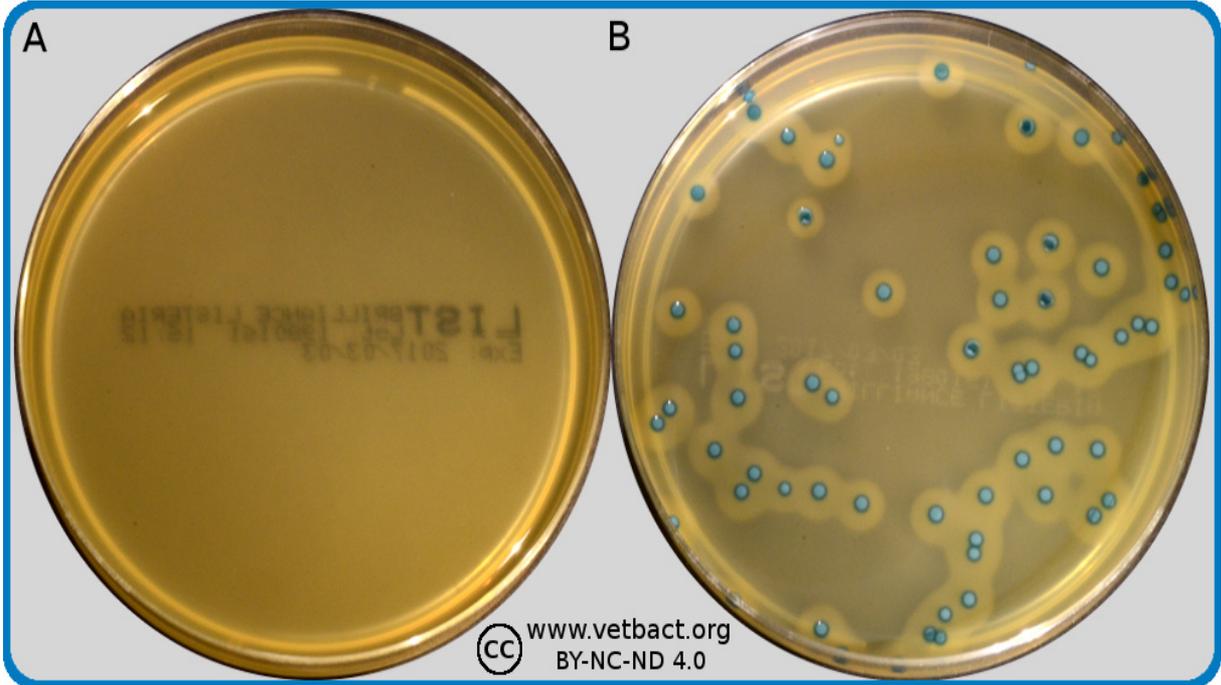
pepton

D.W

Liquid media (broth)



Agar media







- **Autoclave condition:**
- 121 C
- 30 Min
- 15 pound/inch

Liquid media (broth)



Agar media





Enrichment media

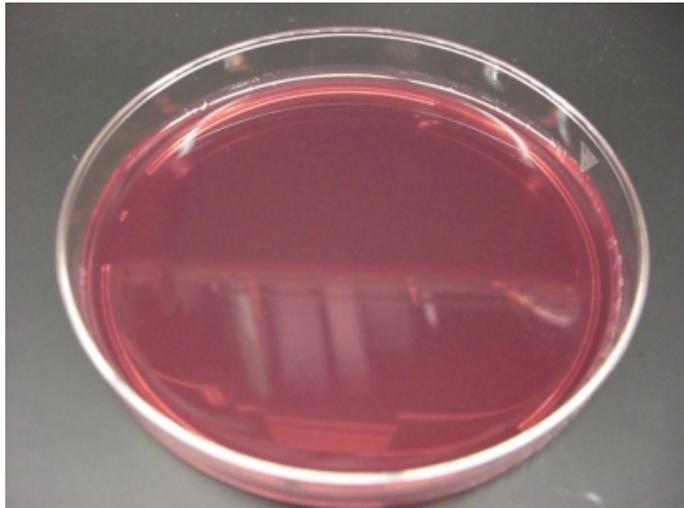
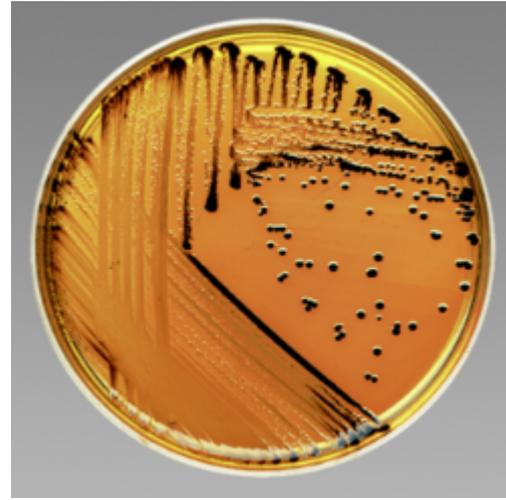


Alamy/Summ3r

Selective media



SS Agar Plate
(Salmonella-Shigella Agar)



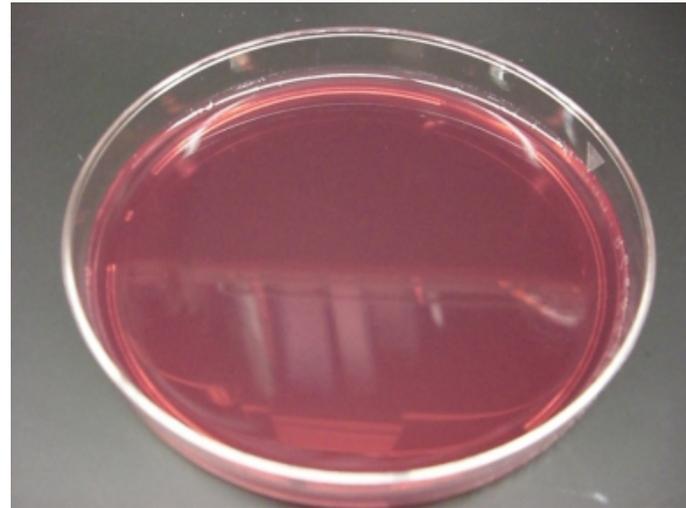
Macconkey agar media



Differential media



SS Agar Plate
(Salmonella-Shigella Agar)



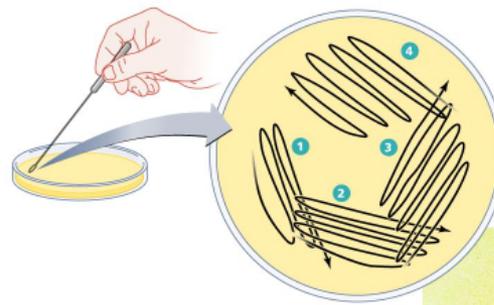
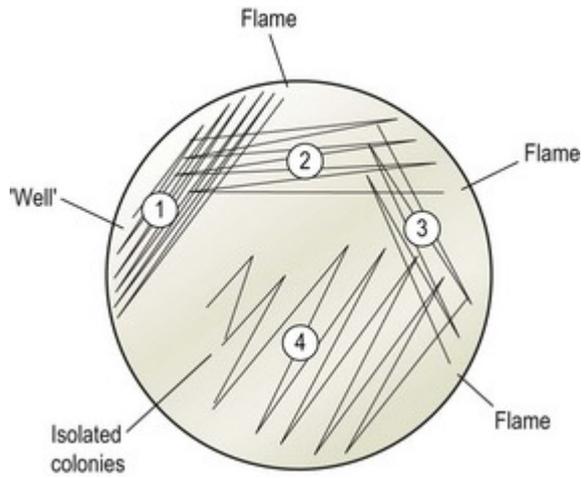
Lactose fermenting colonies

Non-lactose fermenting colonies

Differential media



CLED agar (cystine lactose electrolyte deficient medium)



(a)



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