

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

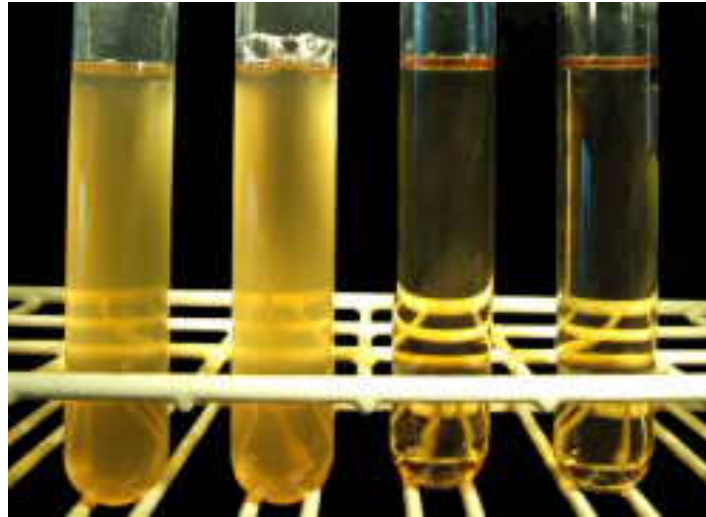
Nitrogen

Elements

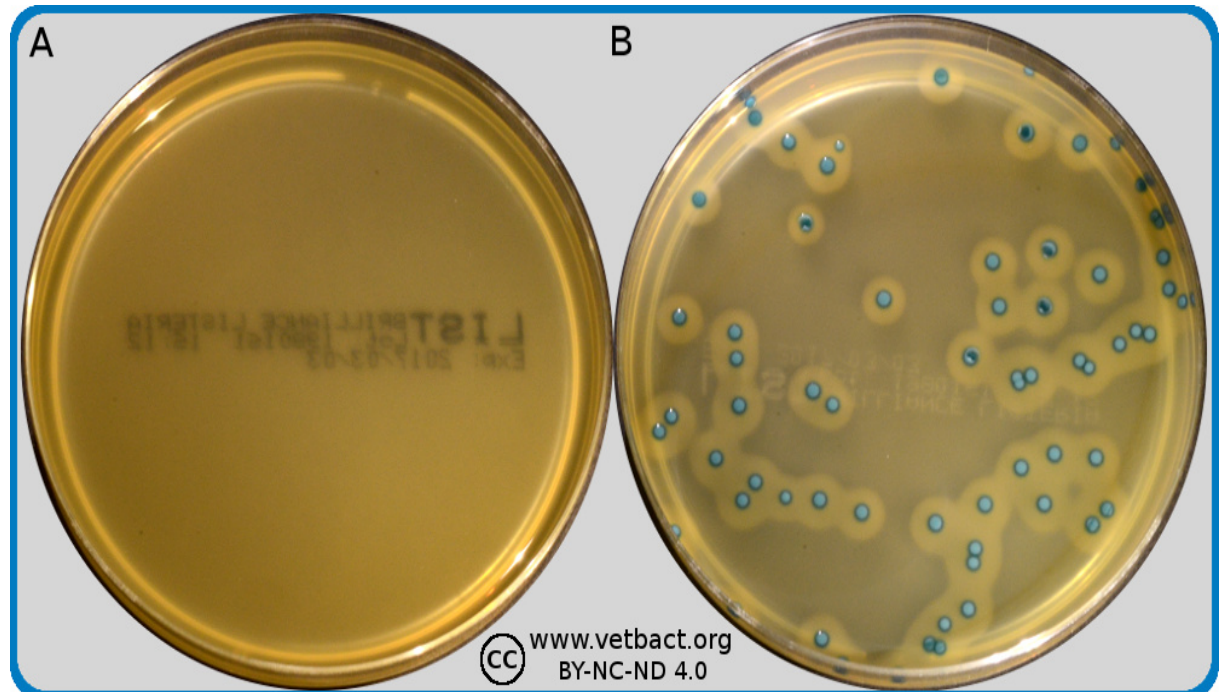
pepton

D.W

Liquid media (broth)



Agar media







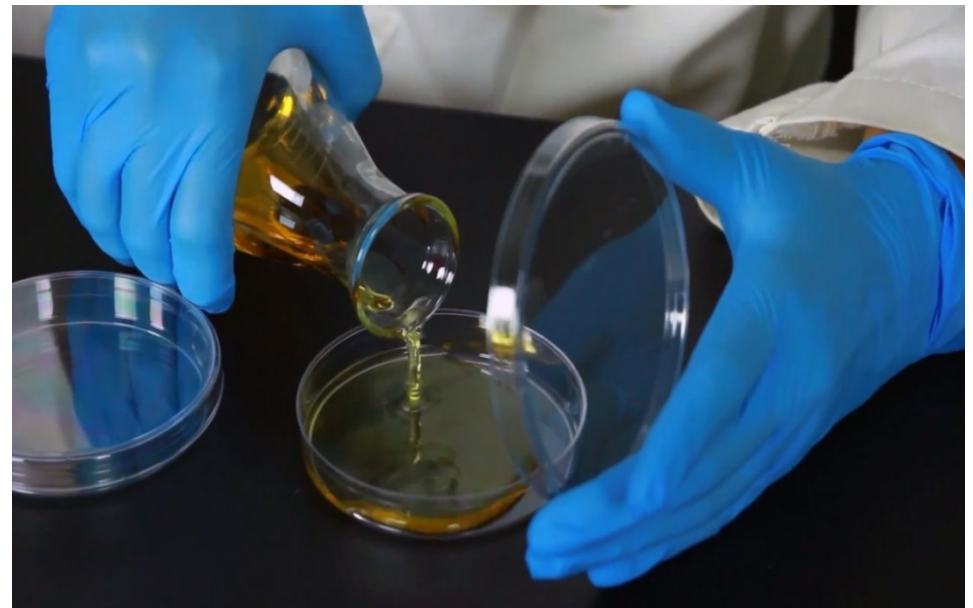
- **Autoclave condition:**
- 121 C
- 30 Min
- 15 pound/inch



Liquid media (broth)



Agar media



Enrichment media



Enrichment media



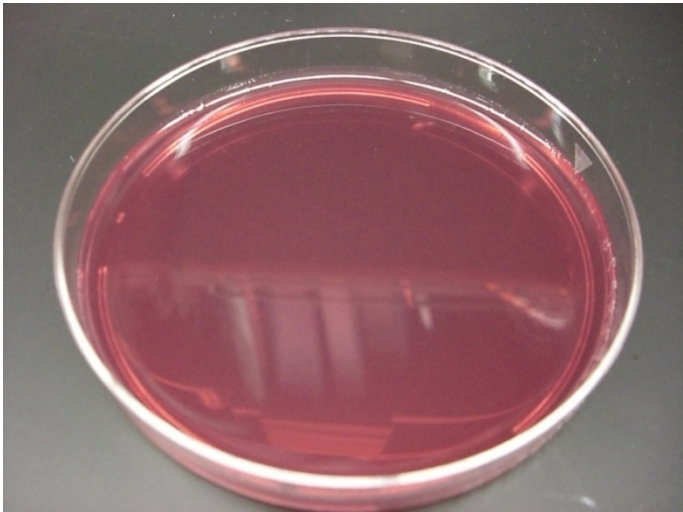
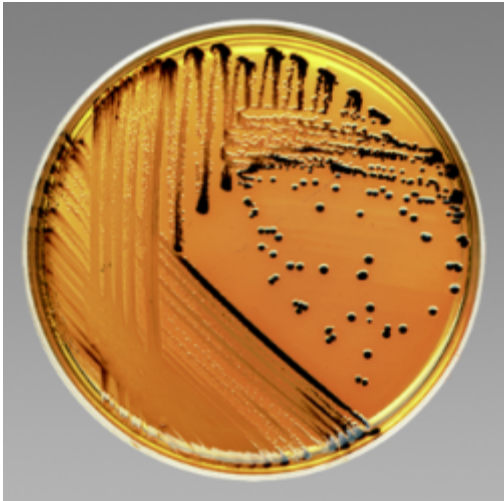
Alamy/Summ3r



Selective media



SS Agar Plate
(Salmonella-Shigella Agar)

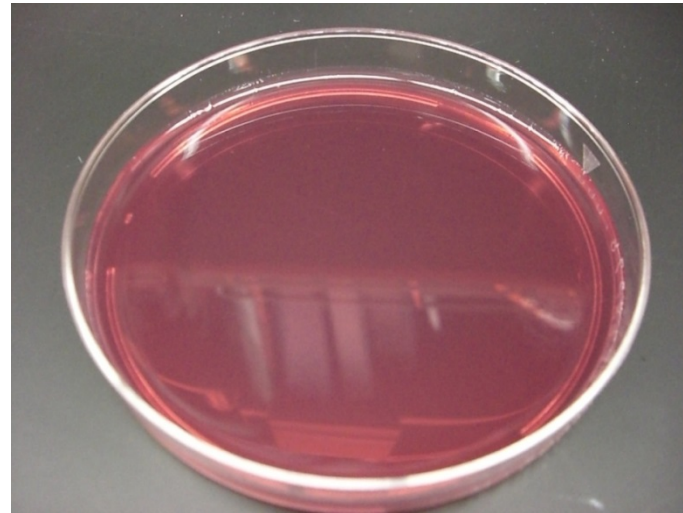
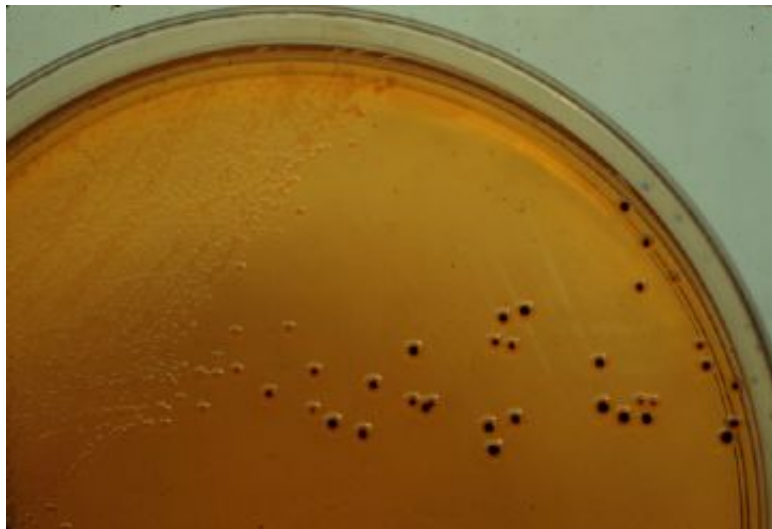


Macconkey agar media





SS Agar Plate
(Salmonella-Shigella Agar)



Lactose fermenting colonies

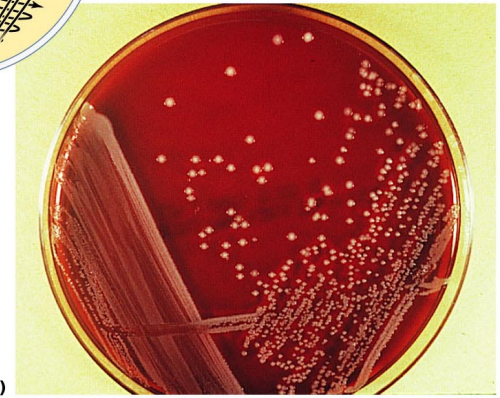
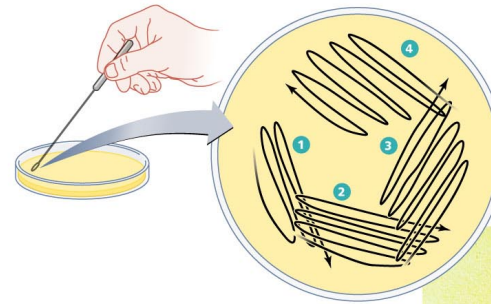
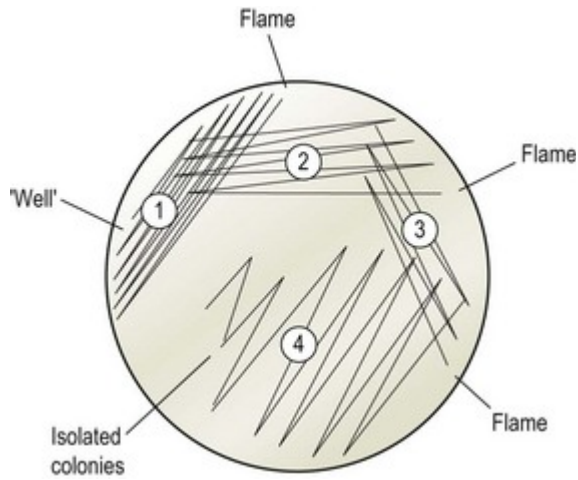
Non-lactose fermenting colonies

Differential media

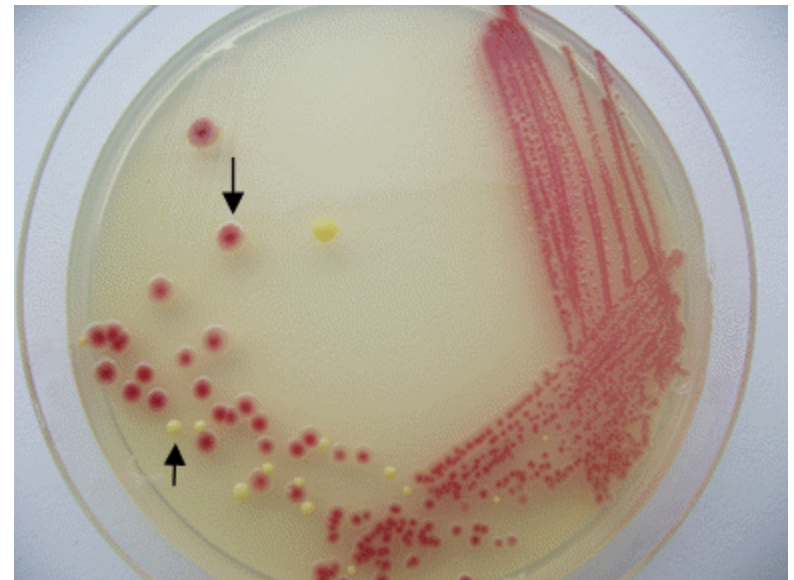
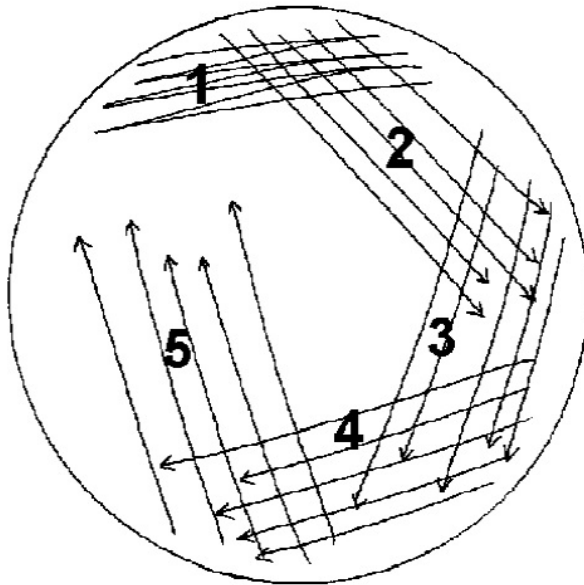


CLED agar (cystine lactose electrolyte deficient medium)

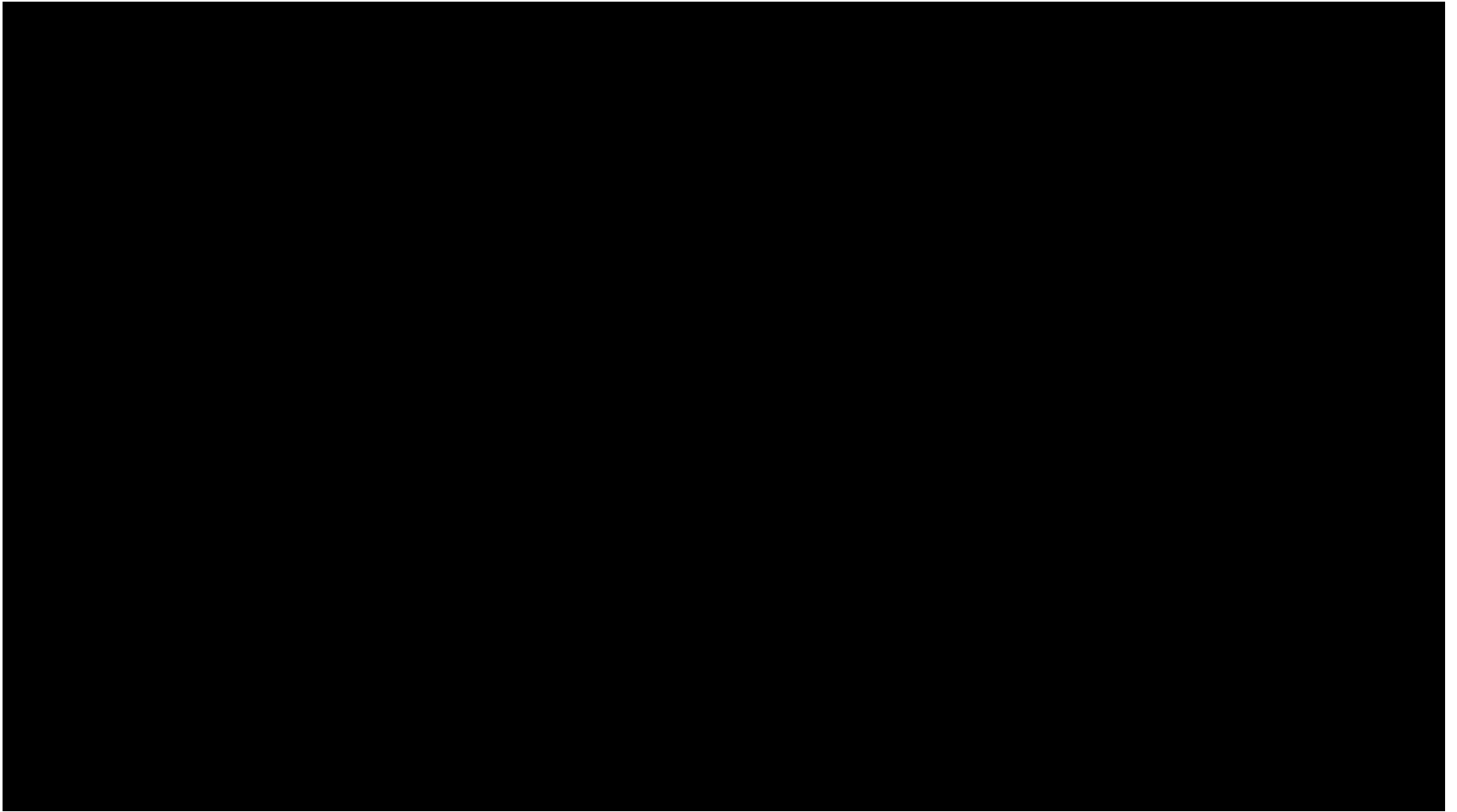
Streaking plate method



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<https://www.youtube.com/watch?v=bm99zrq3ijo>



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