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493 Mic

General bench

Samples

-swabs

-body fluids

-tissues

- catheter tip

-environmental sample

Swabs

|  |  |
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| Culture media  | swabs |
| blood agar | Throat |
| blood agar - MacConkey agar)) | Nasal |
| (blood agar- chocolate agar- MacConkey agar) | Eye |
| (blood agar- chocolate agar- MacConkey agar- Sabouraud dextrose agar)  | Ear |
| blood agar- MacConkey agar)) | Wounds |
| (blood agar - Sabouraud dextrose agar) | HVS |

Body fluids

Cerebrospinal fluid (C.S.F)

Pleural fluid

-macroscopic

-cell counts microscopic

-centrifuge

-culture (blood agar - chocolate agar- MacConkey agar)

-gram stain

Reading

After 48h if there is no growth (negative)

-blood agar

β-hemolysis complete hemolysis

α-hemolysis partial hemolysis

Gamma if an organism does not induce hemolysis
- MacConkey agar

Lactose fermenting

Non-Lactose fermenting

- Sabouraud dextrose agar

Observe yeast

|  |  |
| --- | --- |
| Looking for | swabs |
| *Streptococcus* group A( β-hemolysis )- | Throat |
| - *Staphylococcus aureus* | Nasal |
| -*Haemophilus influenzae* | Eye |
| - *Pseudomonas*, yeast | Ear |
| -any bacteria except epidermidis normal flora | Wounds |
| - *Streptococcus agalactiae* ( β-hemolysis ) , yeast | HVS |