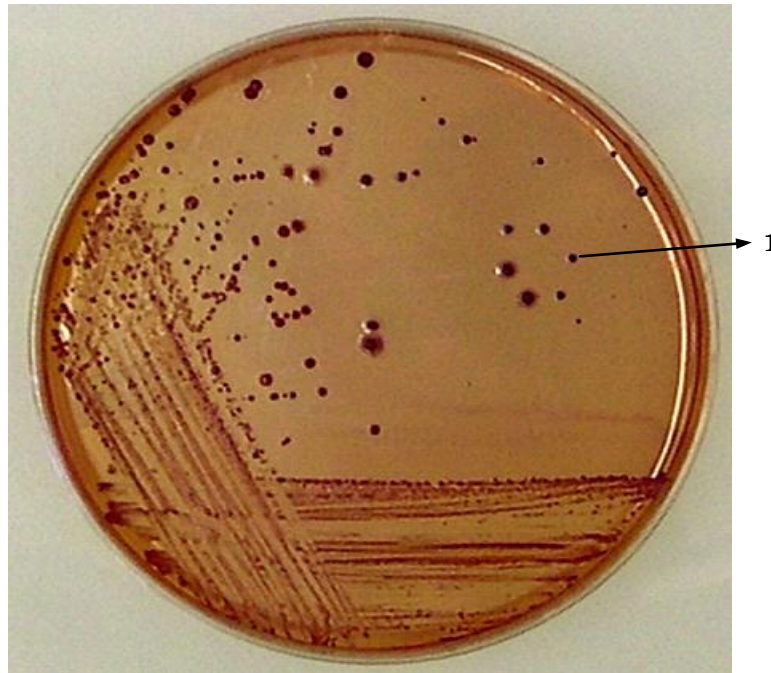


## Medium: MacConkey Agar Plate (MAC)

- Selective aspect: selects for the growth of Gram negative bacteria
- Differential aspect: differentiates between lactose-fermenting bacteria and non-lactose fermenting bacteria

☞ Sample: Urine

☞ Macroscopy: small, pink, individual, round colonies



1. Growth of bacteria indicates presence of Gram negative bacteria in the sample.
  - ☞ The pink/purple/fuchsia color of the colony indicates the presence of lactose-fermenting bacteria.  
(Non-fermenters would be colorless).