

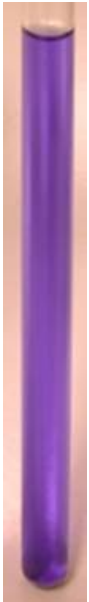
LDC

- A medium for lysine decarboxylation test comprises :
 - 2 to 7 g of yeast extract
 - 1 to 5 g of peptone
 - 0.5 to 1.5 g of glucose
 - 0.3 to 1 g of monalkali metal dihydrogen phosphate KH_2PO_4
 - 10 to 40 g of L-lysine mineral acid salt
 - 0.04 to 0.1 g of a pH indicator
 - and has a pH value in the range of 5.5 to 6.5 when dissolved in 2 liters of water.

LDC

- Lysine decarboxylation produce cadaverine... alkanisation
 - Decarboxylation is promote in presence of small quantities of glucose, in acidic conditions in anaerobic conditions
 - First step : use of glusose ... tube is yelow
 - LDC-... the tube is still yellow
 - LDC+...the tube return to purple
- Need of negative control

LDC - !!!



LDC + !!!
Check the growth

