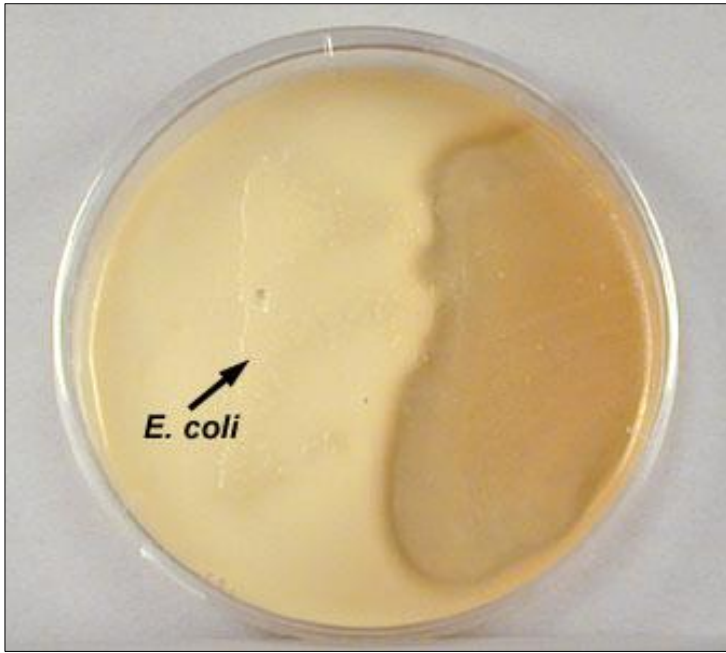


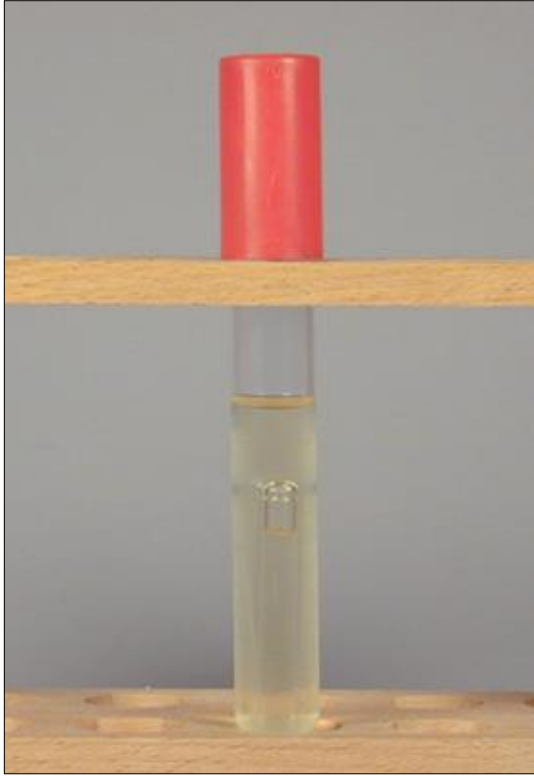
1. What can we conclude about this *B. subtilis* growing on starch agar?

- A. The bacterium was hydrolyzed.
- B. The bacterium did not hydrolyze starch.
- C. The bacterium hydrolyzed starch.



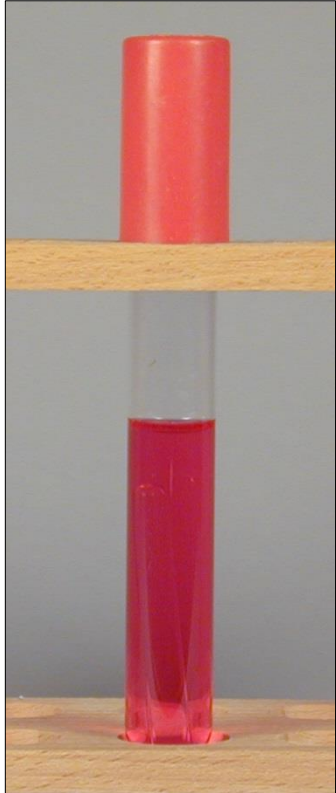
2. What can we conclude about this *E. coli* growing on skim milk agar?

- A. The bacterium did not hydrolyze casein.
- B. The bacterium hydrolyzed casein.
- C. The bacterium did not hydrolyze starch.
- D. *E. coli* was hydrolyzed.



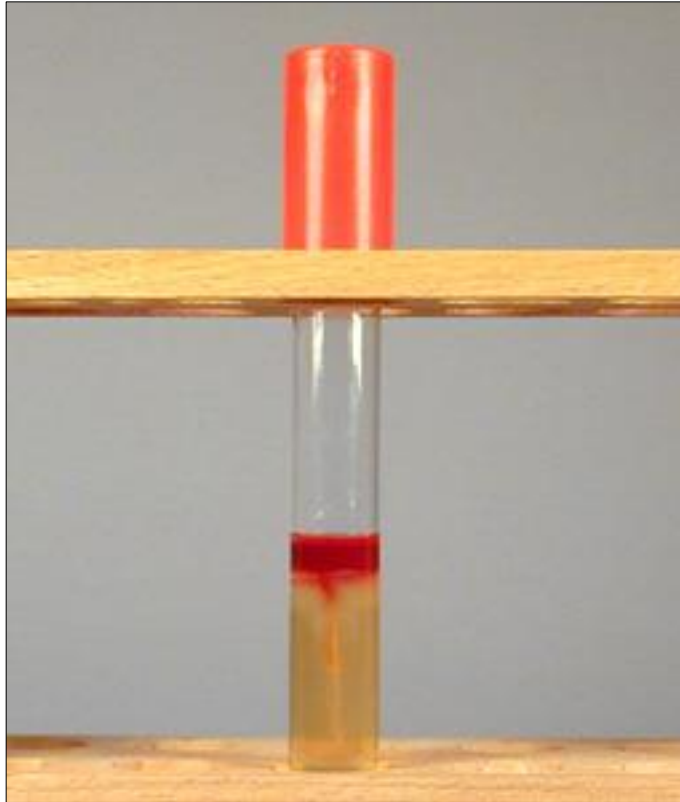
3. This bacterium is growing in phenol red lactose broth. What can we conclude?

- A. Lactose was not fermented.
- B. Lactose was fermented producing acid and gas.
- C. Lactose was fermented producing only acid.



4. This bacterium is growing in phenol red lactose broth. What can we conclude?

- A. Lactose was not fermented.
- B. Lactose was fermented producing acid and gas.
- C. Lactose was fermented producing only acid.



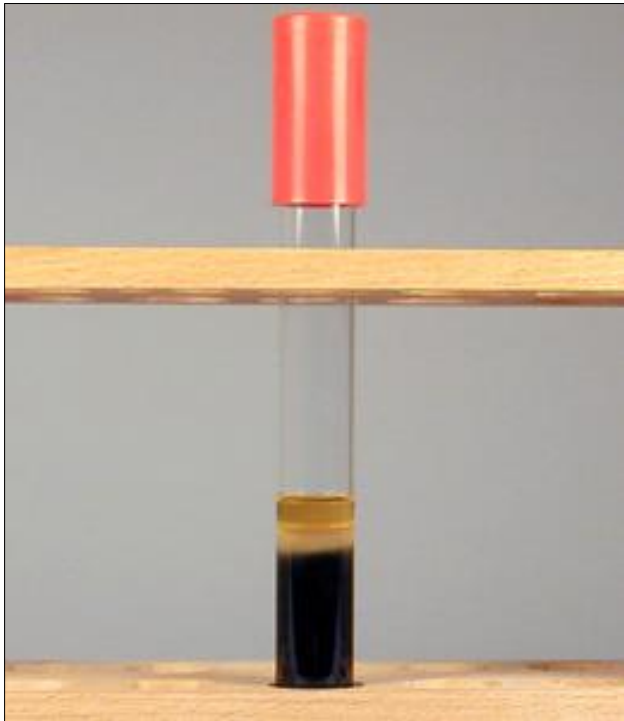
5. This is SIM medium.
What can we conclude?

- A. It is indole negative; H_2S positive.
- B. It is indole positive; H_2S negative.
- C. It is indole positive; H_2S positive.



6. Hydrogen peroxide was placed on this bacterium. What can we conclude?

- A. It is catalase negative.
- B. It is catalase positive.
- C. It hydrolyzes protein.



7. This is SIM medium.
What can we conclude?

- A. It is indole negative; H_2S negative.
- B. It is indole negative; H_2S positive.
- C. It is indole positive; H_2S positive.