

## Lab 4 : Microbiological Culture

- It is process of stimulating the proliferation of microorganisms in order to identify them and study their appearance method of growth.

### Microbiological Culture on Solid Media ;

Methods Used to Grow Bacteria on Solid Media

1 – Streaking- Plate method

2 – Pour- Plate method

3 – Spreading- plate method

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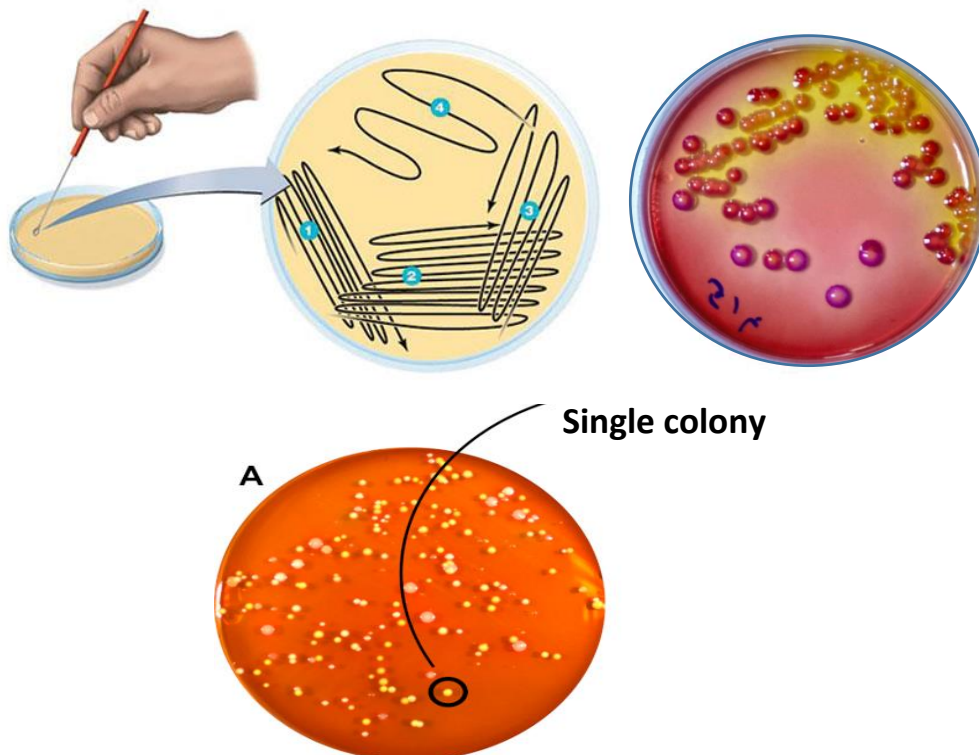
1 – Streaking- Plate method :

Wound , burn , eye , skin ,nasal infection ... etc.

### Objective :

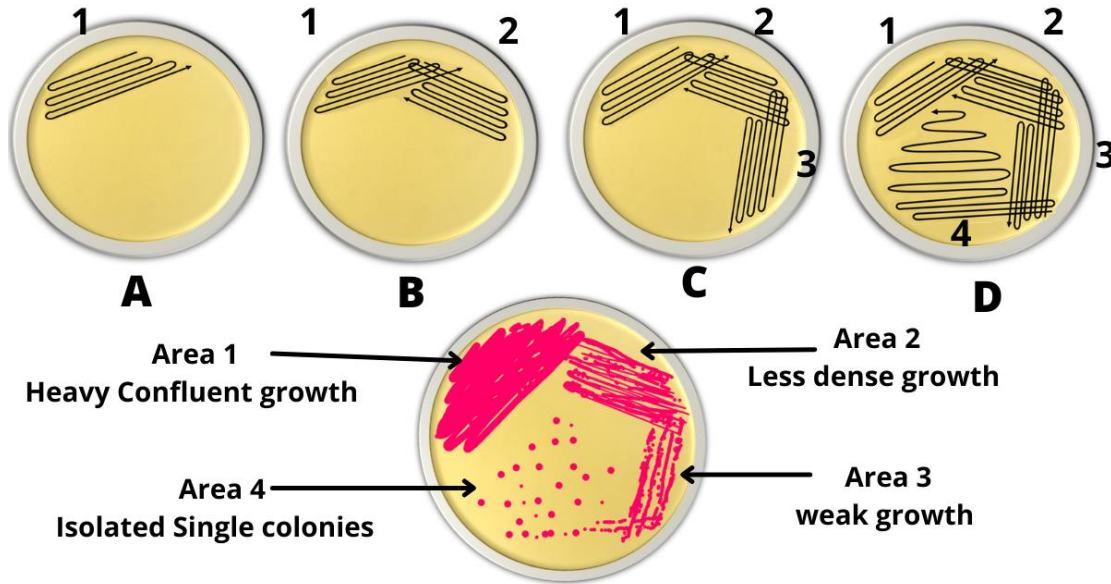
- 1- we obtain pure single colonies.
- 2- Pure culture

## Streak Plate Method

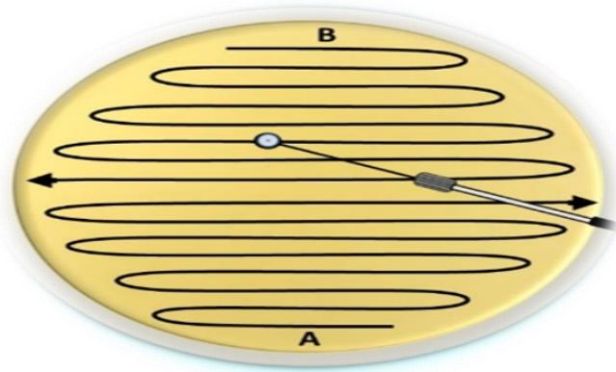


## Types of streaking plate method

### 1- Quadrant streaking plate method



### 2- Continuous streaking plate method



### 3- T streaking plate method

### 4- Zigzag streaking plate method

### 5- Radiant streaking plate method

2-Pour- Plate method

3 – Spreading- plate method

Milk , water , soil , oil . etc...

***Klebsiella pneumoniae*** showed large, mucoid, pink, and lactose fermenter colonies on MacConkey agar.

