

Capsule stain:

Intro:

In this section of the lab, structure of microbe capsule is our purpose.

Equipment:

Slide, India Ink, Inoculating loop, Flam, Culture.

Procedure:

1. Sterilize work area 1*1m with Alcohol.
2. Put one drop of India ink on the center of your slide
3. Sterilize inoculating loop on the flam.
4. Take small amount of your culture (Klebsilla), and mix it very well with a stain drop on the slide.
5. Now to make three thin area to see sample perfectly under microscope, take another slide on 45° and make fast movement above first slide. The clear zone around rods which is a capsule.