

STUDY LAB REPORTS

- Slant Agar Tube
- Growing at room temp: Pink Color ■ Isolation (Streak Transfer)
- Inoculation
- Incubation (37 celsius)
- Identify Streak Plate
- Know Parts of microscope
- 40x lens= 400 magnification (40 x 10)
- Naseria gonnerah (gram negative, pink)
- E. coli (rods) ■ Plasmodium (little purple things inside blood cells)
- Trapanosomes (outside blood cells)
- B. Sub (Strepto bacilli)
- Strepto coccus (mardigras beads)
- Know spiral bacteria
- Simple staining: looking at different staining, one stain
 - Inoculation, let it dry, heat fix. If you don't let it dry it will boil and explode/lose their shape
 - Adding dye, if you don't heat fix before dye will wash off
- Safromyces cervisiea (yeast cells): big and overly round
- Cheek Cells (rectangular, clear nucleus)
- S. Epi (Staphococcus staph o stack)
- Differential Staining (gram staining)
 - Gram positive: purple
 - Gram negative: pink
- At the beginning, put bacteria on the slide, let it dry, heat fix, do staining.
- First dye: Chrystal violet gram- positive will be purple, gram-negative will be purple
- Second dye: Iodine gram- positive will be purple, gram-negative will be purple
- Third step: Ethanol- 15 seconds gram-positive will be purple gram-negative will be clear
- Final step: Saffarin gram-positive will be purple, gram-negative will be pink
- If alcohol is left too long, they will all be pink