

HOW TO REPRODUCE OUR OBSERVATIONS OF SYNCYTIUM IN VITRO?

Material :

- Microscope equipped with a 100 immersion objective and a camera.
 - New blades/slats.
 - Dyes (MGG) May-Grünwald Giemsa ral 555 (3 bottles)
rapid coloring 3 times 5 seconds (follow the recommendations from the laboratory)
 - Heparinized micro-hematocrit capillary tube 130 μ l
 - Lancing device
 - Compresses and 70° alcohol
 - Pre-assembled sterile syringe for vaccine injection.
 - A vial of anti-Covid mRNA injection.
- A stopwatch.

Operating mode:

1. Blood collection by lancing device

After disinfection of the finger, take a drop of capillary blood using the lancing device.

2. Preparation of the mixture

Fill the hematocrit tube 2/3 full of blood.

Finish filling the hematocrit tube with the solution for injection at using the pre-assembled syringe (gentle handling).

Gently roll the tube to mix and homogenize the preparation.

Start the stopwatch.

3. Observation of fresh condition and staining of smears

From the start (T 0 min.), start observing a fresh state under the microscope. Leave the preparation on the plate all the time observation and take photos at the appropriate times (T 45 min., T 60 min., T 80 min., T 180 min.).

At the same time, take blood smears from the hematocrit tube which will be stained with MGG.

Thus, the staining fixes the cells which become identifiable and identifiable in space.