Protocol for Colony PCR

Protocol code: Col_PCR

Materials:

- DNA
- 5X Green GoTaq® Reaction Buffer
- GoTaq® DNA Polymerase (5U/µL)
- dNTPs
- Primers
- Nuclease Free Water
- 0.2mL tubes
- Centrifugue
- Agar plates

Procedure:

1. Take the necessary PCR tubes for all colonies to amplify.
2. Add 25 µL of nuclease free water to each PCR tube.
3. Resuspend the colonies in the different PCR tubes.
4. Label a petri plate with the colonies chosen and inoculate 1.25 µL of each colony.
5. Put the PCR tubes at 95°C for 6 minutes to get the bacterium lysed and keep the plasmid in the supernatant.
6. Centrifuge at 11000 rpm for 2 minutes and 4°C.
7. Do a PCR using 2 µL of supernatant like the DNA to amplify.
8. Continue the reacción following the protocol codified as “PCR”.