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Protocol 901_16S genomic DNA isolation (quick and dirty method)

Magic tail Buffer Protocol

This is a quick and dirty protocol to isolate DNA from bacterial cultures or colonies for 16S PCR
It is adapted from the original protocol used to isolate genomic DNA from mouse tails

1. 100µL of Tail buffer + 0.4µL of proteinase K (per colony) and mix well together (do not vortex)
2. Add 50µL of buffer to single colony or small pellet of bacteria *(it is better to have more buffer than less, you want the mixture to still be transparent)*
3. Incubate for maximum 1 hr (1/2 hr works perfectly) at 56°C
4. Heat inactivate proteinase K at 85°C for 45 min.
5. Use 5µL as template for 16S PCR (Protocol #902)