

Protocol To Extract DNA From Paraffin Blocks

Day 1st

- ✚ Cut 3-6 sections (5-10 μm) of formalin fixed paraffin samples.
- ✚ Place them into 15-ml conical tubes.
- ✚ Add 2 ml xylene and vortex for 2-5 min.
- ✚ Add 5 ml 100% ethanol – agitation.
- ✚ Centrifuge at 3.000 rpm for 15 min.
- ✚ Discard supernatant and repeat twice.
- ✚ Add 1 ml Lysis Buffer and 10 μl Proteinase K.
- ✚ Incubate in the water bath at 50 °C overnight.

Day 2nd

- ✚ Add 10 μl of lysozyme and incubate at room temperature for 2 h.
Note: follow this step only if you want to extract DNA for TBC protocol.
- ✚ Add 8-10 μl of Proteinase K.
- ✚ Incubate in the water bath at 50 °C overnight.

Day 3rd

Follow the steps (3 – 18) from “Purification of DNA by phenol extraction and ethanol precipitation” protocol.