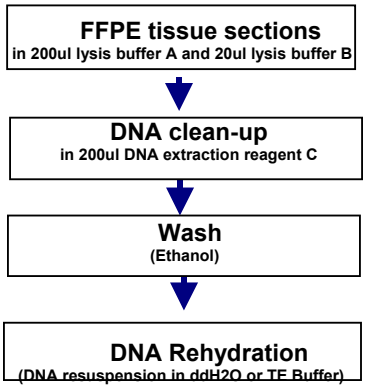
11. Centrifuge at 14,000 xg for 5 minutes at 4°C. Carefully remove the supernatant, as the DNA pellet might be loose.
12. Air dry the DNA pellet for 5-10 minutes and add 20ul sterile/DNAse-free ddH2O (or TE Buffer) for dissolving DNA. Determine the DNA concentration and purification by measure A260 / A280 with a spectrophotometer. (Store all the DNA extracts at -80°C or -20°C)

Technical Tips:

1. Ensure the tissue samples are completely submerged in the reagent A and B at step 2. (Use roughly proportional volume of reagents for different sized samples)
2. If necessary, add 2ul β-mercaptoethanol into lysis buffer A or longer incubation at step 2. may completely digest the tissue samples and no loss of efficacy.
3. If no pellet is visible at step 9, add 1/10 volume 3M NaOAc, pH5.2 into the solution, mix well and chill at -20°C for overnight. Then, centrifuge one more time.
4. The DNA extractions using this kit are suitable to directly use for ligating and cloning without any further desalted process since no phenol/chloroform and other organic solvents are involved.
5. DNA pellets may be heated at 37°C for 30-60 minutes (or 55 °C for 10 minutes) to completely dissolved in water or TE buffer (10 mM Tris-Cl, pH 7.5; 1 mM EDTA).
6. Schematic of Zmtech FFPE tissue DNA extraction kit (FFPE-002D)



Precautions and Disclaimer:
This product and procedure described are intended for R&D use only. Purchase of this product does not convey a license to perform any patented process.