NZY Tissue gDNA Isolation kit

Catalogue number: MB13502, 50 columns
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Support protocol for isolating genomic DNA from paraffin-embedded tissue

I. Sample preparation

1. Prepare small sections (up to 25 mg) from blocks of fixed, embedded tissue (***note:*** *if possible, trim excess paraffin from the block before slicing*). Handle the sections with tweezers or toothpicks and place the samples into microcentrifuge tubes.
2. Add 1 mL n-octane or xylene to each tube. Vortex vigorously and incubate at room temperature for about 30 min. Vortex occasionally during incubation.
3. Centrifuge at 11,000 x*g* for 3 min. Pipette off supernatant.
4. Add 1 mL ethanol (96-100%) to each tube. Close and mix by inverting several times. Centrifuge for 3 min at 11,000 x*g*. Pipette off supernatant.
5. Repeat the ethanol washing step. Pipette off as much of the ethanol as possible.
6. Incubate the open tube at 37 °C until the ethanol has evaporated (~15 min).

Proceed with step 2 of the standard protocol.