



Wizard® SV 96 Genomic DNA Purification System (Promega)

1	
Prepare sample	Cut ≈ 10–15 mg of tissue Store at +4 °C for quick use (< 8 h) or at -20 °C for further use (> 8 h)
2	
Lyse sample part. 1	Prepare the lysis mixture Per sample: 200 µL Nuclei Lysis Solution + 50 µL 0.5M EDTA + 20 µL proteinase K + 5 µL RNase A Solution Incubate 55 °C - 16-18 h
3	
Lyse sample part. 2	Add: 250 µL Wizard SV Lysis Buffer Mix the contents by pipetting
4	
Bind DNA	Prepare the vacuum manifold (see figure) Place the Binding Plate in the Manifold Base (A, B) Transfer the tissue lysates to the wells of the Binding Plate Apply vacuum until lysate passes through the Binding Plate
5	
Wash & Dry	Add: 900 µL Column Wash Solution (CWA) Apply vacuum until the CWA passes through the Binding Plate Repeat steps for a total of 3-4 washes Dry: vacuum - 6 min
6	
Elution	Place the 96-Well Deep Well Plate (C) Add to each well of the Binding Plate: 250 µL Nuclease-Free Water Incubate at room temperature - 2 min Apply vacuum until the Nuclease-Free Water passes through the Binding Plate
7	
DNA storage	Use a few days: + 4 °C Use within a few weeks: - 20 °C Use term storage: - 80 °C
8	
DNA quantification & DNA quality control	NanoDrop measurement Qubit measurement

