

New! Spin Doctor Genomic DNA Isolation Kit

Tired of Digesting Your Tail Samples Overnight? Need Something Faster for Southern Blot Analysis or PCR?

Complete Prep in as Little as 2 Hours!

The Spin Doctor Genomic DNA Isolation Kit is optimized for rapid and consistent isolation of genomic DNA from rodent tail and ear punch samples. DNA is ready for PCR and Southern Blotting!

**Rapid Digest Time
Fast Protocol**

1 – 3 hours
 15 min. for PCR quality
 30 min. for Southern Blotting quality

**Great Yield
Format
Sample Origination
Throughput**

40 – 60 ug per sample
 Individual 2.0mL tubes with proprietary enzymes
 1-2 mm of rodent tail or ear punch
 1 – 24 samples (only limited by heat block and centrifuge capacity)

Summarized Protocol

15 Minute PCR Protocol

1. Add sample to resuspended Genomic Isolation Tube
2. Incubate sample 1-3 hours
3. Add Genomic DNA Wash Buffer and vortex
4. Add Isopropanol and vortex
5. Spin for 5 minutes
6. Resuspend in Final Resuspension Buffer
7. Spin for 5 minutes

30 Minute Southern Blot Protocol

1. Add sample to resuspended Genomic Isolation Tube
2. Incubate sample 1-3 hours
3. Add Genomic DNA Wash Buffer and mix by inverting
4. Add Isopropanol and mix by inverting
5. Spin for 10 minutes
6. Add 70% Ethanol – mix by inverting – spin for 2 minutes
7. Air dry for 10 minutes
8. Resuspend in Final Resuspension Buffer
9. Spin for 5 minutes

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