

## Mouse Tail DNA Extraction Kit

**Cat. #:** T605 (250 reactions)

(related product: 10-Min. Tissue / Cells Genomic DNA Extraction Kit, Cat. # T6008)

**Ship & Storage:** ship at 4°C, store at 4°C or -20°C and avoid freeze-thaw cycles. **Shelf Life:** 12 months

**Product Components:** Mouse Tail DNA Extraction Solution, 10 ml

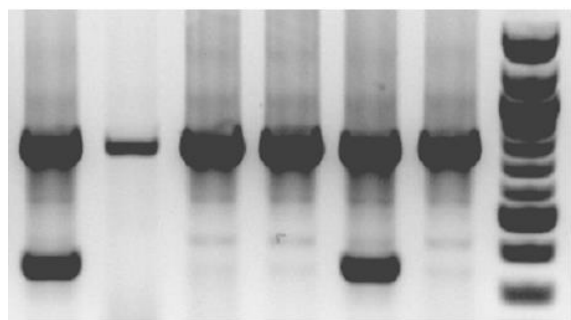
**Product Description:** Mouse tail DNA extraction kit provides a simple and rapid method to isolate the total DNA from mouse tail for genotyping. The formulated buffer system is a ready-to-use single reagent without other preparation. No organic extraction and alcohol precipitation are needed, and multiple samples can be easily processed simultaneously. This product is for research use only.

### Key Features:

- ✓ Fast, Simple, Accurate and consistent DNA extraction from mouse tail
- ✓ Instant use: No need of additional materials
- ✓ No use of organic solvents, safe procedure
- ✓ Ready for use in PCR and other enzymatic reactions

### Protocol:

1. Cut 2-3mm of mouse tail and put it to a 1.5ml tube.
2. Add 40 µL DNA Extraction Solution to the tube, quick spin at 3,000 rpm for 10 seconds to make sure the mouse tail sample stay in the DNA extraction solution.
3. Incubate tubes at 68°C for 7 minutes.
4. Vortex for 5 second, Quick spin.
5. Add 360 µL dH<sub>2</sub>O to each tube, vortex 5 seconds, quick spin.
6. Keep the tube in boiling water or heat plate (95°C) for 5 minutes.
7. Spin at 10,000 rpm for 5 minutes.
8. Collect the supernatant to a new tube, use 1 ~ 5ul for PCR amplification or store at -20°C for later use. (The DNA is now rapidly extracted and in the supernatant.) - The end -



Genotype Identification by PCR  
amplification of mouse tail DNA

### Related Products:

10-Min. Tissue / Cells Genomic DNA Extraction Kit, #T6008

2x Genotyping PCR Ready Master Mix, Cat.#: T403

1-Drop PCR Master Mix (with dye), Cat.#: W2599-5

<i>Better than Matrigel</i>	<b>Real 3D</b> Cell Culture Gel, 3-stiffness for different cells # P720
<b>Mouse Tail DNA Extraction</b> <b>1-drop PCR Mix</b> (# W2599-5) Cell / Tissue DNA Extraction	20-Min. fast. Ready for PCR # T605 (free sample available) → <i>This PCR mix is a good match</i> for Mouse Tail DNA kit 10-Min. done. Cat. # T6008
<i>PCR Mix in squeeze bottle</i>	Squeeze a drop for PCR # W2599-5 (free sample available)
<i>Mycoplasma Detection qPCR Kit</i> (# T42030)	Probe qPCR detecting all Mycoplasma Species in One reaction tube. High sensitivity
<i>Lentiviral Expression Vectors</i>	4 promoters: SFFV, CAG, CMV, EF1. 4 selections
<i>10x Virus Titer-up Boost</i>	<b>Increases</b> Lenti/Retro virus titer up to 10-fold # P906/ P909
<i>Water Bath Clean Tablet</i>	1 tablet, whole bath clean / week. Cat. # T20
<i>Simple and Reliable</i>	SV40T / hTERT <i>Cell Immortalization Kits</i>
<i>Pure Plasmid Miniprep</i>	High adsorption efficiency of plasmid DNA Cat. # W0500-50
<i>Endotoxin-Free Plasmid Miniprep Kit</i>	No need to precipitate, concentrate or desalt. Cat. # W2106-50
<i>Made-to-Order Lenti / Retrovirus</i>	Lentiviral vectors can infect non-dividing and dividing cells, retroviral vectors for dividing cells. We offer pantropic and ecotropic retrovirus as an option. Quality: Virus production in our California state-of-the art BSL-2 facility. Contact us