

## Mouse Tail DNA Extraction Kit

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

**Ship and Storage:** ship at 4°C, store at 4°C or -20°C      **Shelf Life:** 12 months

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

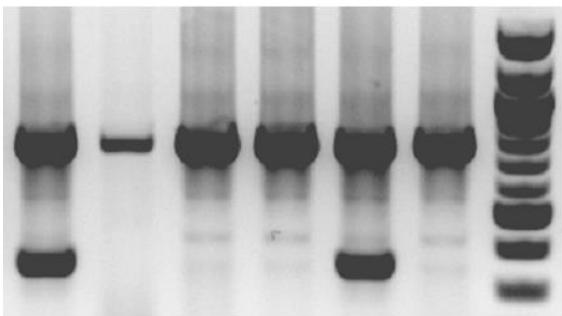
**Product Description:** Mouse tail DNA extraction kit provides a simple and rapid method to isolate the total DNA from mouse tail for genotyping. The formulated buffer system is a ready-to-use single reagent without other preparation. No organic extraction and alcohol precipitation are needed, and multiple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

- 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 gel, 3-stiffness for different type cells # P720
<i>Mouse Tail DNA Extract</i>	20 min. fast. Accurate & consistent. No use of organic solvents. Ready for PCR Cat.# T605 (We offer free sample.)
<i>1-drop PCR Master Mix</i>	<b>Just squeeze out a drop</b> for PCR Cat.# W2599-5 offer free sample
<i>Lentiviral Expression Vectors</i>	Efficient, stable, safe, Versatile. A variety of lentiviral expression / reporter constructs.
<i>Common Reagents</i>	Good and save.
<i>2x Flash HS PCR Mix (Dye)</i>	Fast extension rate (5-15 sec/kb) and fast HotStart # W3007-1
<i>2x Super Pfx MasterMix</i>	Strong amplification ability and fast (4-6 kb/min) # W2965-1
<i>Lentiviral Expression Vectors</i>	<b>4 promoters:</b> SFFV, CAG, CMV, EF1 & 4 selections
<i>10x Virus Titer-up Boost</i>	Regulates packaging in transcriptional level <b>Increases</b> Lenti/Retro viral particles up to 10-fold Cat.# P906 / P909
<i>Water Bath Treatment</i>	1 tablet / treatment per 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