

Mouse Tail DNA Extraction Kit Cat. #: T605 (250 reactions) Cat # at Fisher Sci : NC1596514

related product: 1-Drop Do PCR master mix, Cat.# W2599-5, Cat.# at Fisher Sci : NC1100436;
10-Min. Tissue / Cells Genomic DNA Extraction Kit, Cat. # T6008
Mouse Tail Genomic DNA Kit (purified lysis) (50 preps) Cat. #: W2094

Ship & Store: 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

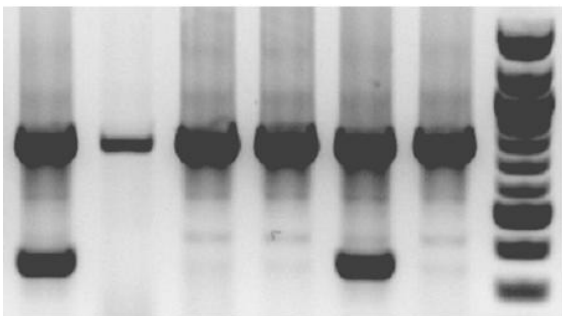
Product Description: Mouse tail DNA extraction kit provides a simple and rapid method to isolate the total DNA from mouse tail for genotyping. The formulated buffer system is a ready-to-use single reagent without other preparation. No organic extraction and alcohol precipitation are needed, and multiple 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 dH₂O 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

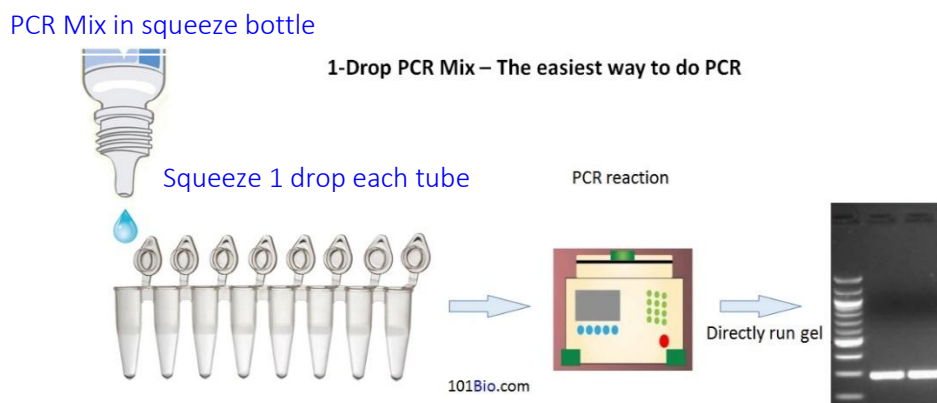
2x Genotyping PCR Ready Master Mix, Cat.#: T403

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

Kits are good for rapid mouse genotyping.

Order from 101Bio or FisherSci.com

- ① Mouse Tail DNA extraction kit, 20 min. ready for PCR. (cat. # T605/ Fisher Sci. #: NC1596514)
- ② 1 drop do PCR Master mix - easy (cat. # 2599-5 / Fisher Sci. item #: NC1100436)



<i>Water Bath Clean Tablet</i>	Put 1 tablet, water bath is clean for 1 week. Cat. # T20
<i>10x Virus Titer-Up Boost</i>	Increases virus titer up to 10-folds # P906/P909 /Fisher # NC1792390
<i>RT-PCR Enzymes / Mix</i>	Make RNA analysis as easy as DNA # W140, 143, 145...
<i>Lentiviral Expression Vectors</i>	4 promoters: SFFV, CAG, CMV, EF1. 4 selections
<i>Better than Matrigel</i>	Real 3D Cell Culture Gel, 3-stiffness for different cells # P720
<i>Cell Immortalization</i>	SV40T / hTERT Cell Immortalization <i>Kits. Simple & Reliable</i>
<i>Pure Plasmid Miniprep</i>	High adsorption efficiency of plasmid DNA Cat. # W0500-50
<i>Endotoxin-Free Plasmid Miniprep Kit Cat.</i>	<i>Endotoxin-Free Plasmid Miniprep Kit</i> Cat.# W2106-50 /Fisher # NC1492021 Spin Column for Plasmid Miniprep Cat. # SC082-50
<i>Antibodies</i>	<i>Recombinant. Real in vivo grade,</i> endotoxin < 0.05 EU/mg