

Mouse Tail DNA Extraction Kit

Cat. #: T605 (250 reactions)

Ship and Storage: ship at 4°C, store at -20°C

Shelf Life: 12 months

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.

Key Features

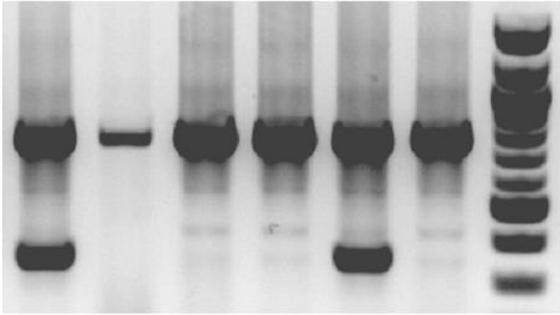
- ✓ Fast
- ✓ Accurate and consistent DNA extraction from mouse tail
- ✓ Instant use: No need of additional materials
- ✓ Simple and safe procedure
- ✓ No use of organic solvents
- ✓ Ready for use in PCR and other enzymatic reactions

This product is for research use only.

Product Components: Mouse Tail DNA Extraction Solution, 10 ml

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.)



Genotype Identification by PCR
amplification of mouse tail DNA

-- The end --

Related Products:

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

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

Visit our site for "50% below market price items" (PCR / DNA kits)