

19-Minute Mouse Tail DNA Extraction Kit ([Crude Lysis](#))

Cat. #: **T605** (10 ml, 250 x 40µL reactions) [Fisher Sci Cat.# NC1596514](#) # **T605-Sample** (0.5ml, 12 rxn)

related product: 1-Drop Do PCR master mix, Cat.# W2599-5, Cat.# at Fisher Sci : NC1100436;
2x Genotyping PCR Ready Master Mix (250 x 20µL reactions) Cat.#: T403
Mouse Tail Genomic DNA Kit ([Purified Lysis](#)) (50 preps) Cat. #: W2094

Ship & Store: ship at RT or 4°C, store at 4°C and avoid freeze-thaw cycles. **Shelf Life:** 24 months

Product Components: Mouse Tail DNA Extraction Solution, 10 ml

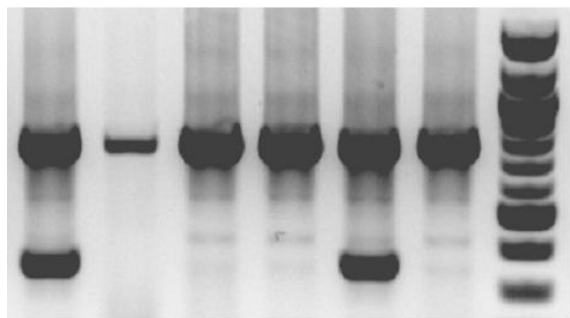
Product Description: Mouse tail DNA extraction kit provides a simple and rapid method to isolate the total DNA from mouse tail for genotyping. The formulated buffer system is a ready-to-use single reagent without other preparation. No organic extraction and alcohol precipitation are needed, and multiple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



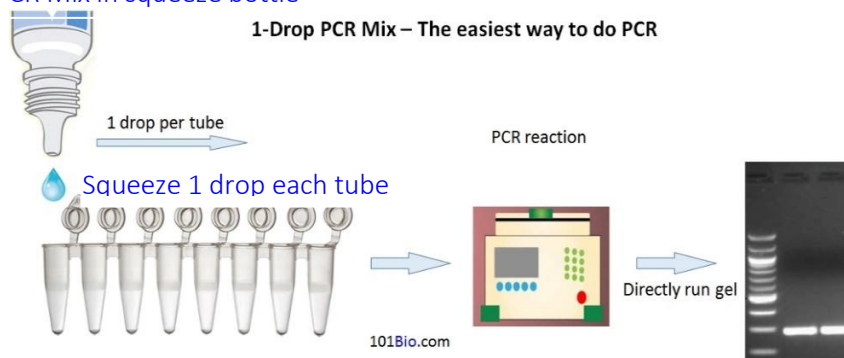
Genotype Identification by PCR
amplification of mouse tail DNA

Good kits for **rapid mouse genotyping**.

Order from 101Bio or FisherSci.com

- ① Mouse Tail DNA extraction kit, **Crude Lysis** Cat. # T605 / Fisher Sci. Cat #: NC1596514
- ② Mouse Tail Genomic DNA Kit, **Purified Lysis** Cat. # W2094
- ③ **Do PCR Using 1 drop** Master mix Cat. # 2599-5 / Fisher Sci. Cat #: NC1100436

PCR Mix in squeeze bottle



InsertChecker – Clone Screening	Cut workflow time from 24 hrs to just 0.5 hrs . Cat. # H101
10x Virus Titer-Up Booster	Increases virus titer up to 10-folds Cat. # P906 / P909 Fisher # NC1792390; VWR # MSPP-P906
10x Virus Transduction Enhancer	ensure higher gene delivery efficiency Cat. # P920
Lentivirus / Retrovirus	Virus Concentration Solution # P904C FisherSci # NC3242189
Universal DNA Marker	one marker for all DNA gel runs Cat. # W2583-100
Water Bath / Tub Disinfection	1 tablet cleans for 1 week Cat. # T20 FisherSci # NC3352917
3D Gel better than Matrigel	TriStiff 3D Cell Culture Gel (Versatile for Diverse Cells) # P720
Cell Immortalization	SV40T / hTERT Cell Kits. keep your cells going and going...
Plasmid Miniprep	Endotoxin-Free Plasmid Miniprep Kit, Cat. # W2106-50 FisherSci. # NC1492021
InsertChecker – Clone Screening	Cut workflow time from 24 hrs to just 0.5 hrs . Cat. # H101
Easy PCR Master Mix	Squeeze-1-Drop Do PCR, Cat.# W2599-5 / FisherSci. #: NC1100436