

**Mouse Tail DNA Extraction Kit (Catalog# TBS6005-1000)****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.

**Features and Benefits**

- 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

**Component list**

Extraction Solution 40 mL for 1000 samples.

**Storage:** Store kit at -20°C freezer.

**This product is for *in vitro* research use only and is not intended for use in humans or animals in therapeutic or diagnostic procedures.**

**Procedure**

Cut 2-3mm of mouse tail and put it to a 1.5ml tube.

Add 40 µL Extraction Solution to each tube.

Incubate tubes at 65°C for 7min.

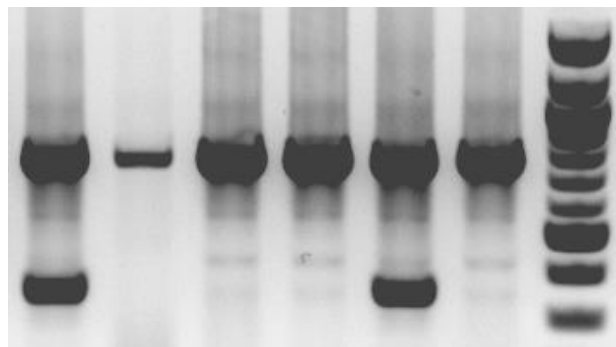
Vortex for 5 second, Quick spin.

Add 360 µL dH<sub>2</sub>O to each tube, vortex 5s, quick spin.

Keep the tube in boiling water or heat plate (95°C) for 5 min.

Spin at 10,000 rpm for 5 min.

Use 1-5 µL for PCR or store at -20°C for later use.



Genotype Identification by PCR amplification of mouse tail DNA

**RELATED PRODUCTS**

2x Genotyping PCR Ready Mix  
(catalog#TBS4003)

Blood DNA Extraction Kit (catalog# TBS6004)

Cell DNA Extraction Kit (catalog# TBS6007)

Tissue DNA Extraction Kit (catalog# TBS6006)