

**Fast DNA Extraction Kit (Catalog# TBS6008)****DESCRIPTION**

**Fast DNA Extraction Kit** provides a simple and rapid method to isolate the total DNA from mouse tail and other tissues for genotyping. DNA extraction can be completed in 30 min. It avoids using organic extraction and alcohol precipitation.

**Features and Benefits**

- **Fast:** DNA extraction in 30 min.
- **Simple:** Just one step.
- **Safe procedure:** No hazardous, No organic solvents
- **Convenient:** Ready - to - use for PCR and other enzymatic reactions

**Kit Component List**

Extraction Buffer A: **10 mL**

Extraction Buffer B: **10 mL**

**The kit is supplied enough for 200 samples.**

**Storage:** Store kit at 4°C stable for 6 months.

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

This product is not intended for use as a therapeutic or in diagnostic procedures.

**Orders**

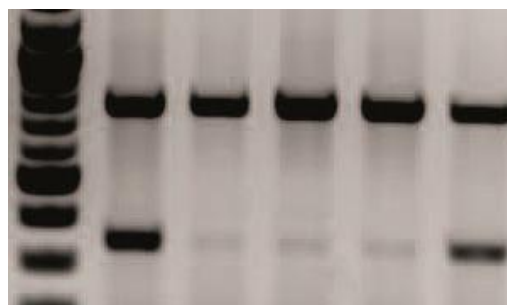
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**PROCEDURE**

1. Cut 2-3mm of mouse tail or small piece tissue and put it to a 1.5ml tube.
2. Add 50  $\mu$ L Extraction Buffer A to each sample tube.
3. Incubate the tube at 65°C for 20min.
4. Vortex the tube, and incubate at 95°C for 10 min. Then, the sample tube is cooled to room temperature. Vortex the tube for 1-2 min to break up any pieces of tissue.
5. Add 50  $\mu$ L Extraction Buffer B to each tube, vortex to mix.
6. Centrifuge at 10,000rpm for 2 min to sediment debris.
7. Use 1 - 5  $\mu$ L of the supernatant for PCR or store at -20°C for later use.



Genotype Identification by PCR amplification of mouse tail DNA

**RELATED PRODUCTS**

Genotype PCR ( catalog# TBS4003)

2x qPCR Hot Start Super Mix (catalog# TBS4001)

Mouse Tail DNA Extraction Kit (catalog# TBS6005)

Cell DNA Extraction Kit (catalog# TBS6007)