

Only 10 minutes DNA Extraction, not Overnight

Catalog Number	Kit Size	Tests
TBS6005-250	10mL	250
TBS6005-1000	4x 10mL	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.
- Fast: Only 10 minutes for whole process.
- 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

KIT CONTENTS

Extraction Solution: 10 mL for 250 samples, or
4x 10 mL for 1000 samples.

Storage: Store kit at 4°C.

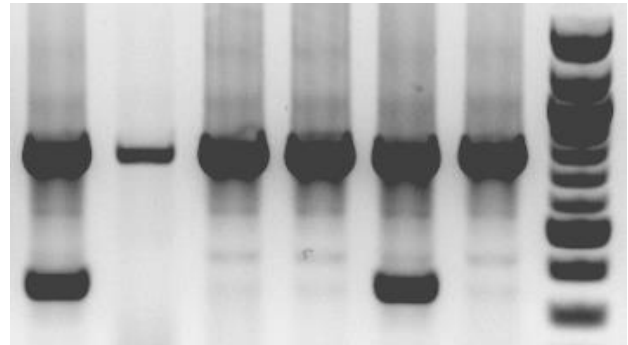
Shelf-life: 2 years after receipt.

Shipment: Blue ice.

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

- 1) Cut 2-3mm of mouse tail and put it to a 1.5ml tube.
- 2) Add 40 µL Extraction Solution to each tube. Spin the tube to make sure the tail sample in the solution.
- 3) Incubate tubes at 68°C for 7 min.
- 4) Vortex for 5 second, Quick spin.
- 5) Add 360 µL dH₂O to each tube, vortex 5s, quick spin.
- 6) Keep the tube in boiling water or heat plate (95°C) for 3 min.
- 7) Spin at 10,000 rpm for 5 min. DNA is in the supernatant.
- 8) 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

Blood DNA Extraction Kit (catalog# TBS6004)

Cell DNA Extraction Kit (catalog# TBS6007)

Tissue DNA Extraction Kit (catalog# TBS6006)

Sybr Green qPCR Super kit (catalog# TBS4001)

2x Genotyping Ready PCR Mix (catalog# TBS4003)

Fast Mouse Genotyping System (Catalog# TBS4033)