



Certificate of Analysis

Straight PCR Lysis Reagent (Ear)

For Research Use Only

Catalogue Number: APDIE 100

Components : 100 ml / 1 bottle

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Crude extracts of biological samples are not compatible with many molecular biology-grade reactions such as polymerase chain reaction (PCR), in part due to inhibitors contained in crude extracts.

Alphagen Straight PCR DNA Extraction System is a single-tube system for rapid preparation of DNA from mouse tails, ear pieces, yolk sac, and culture cells. The patent-pending components developed by scientists at Alphagen Biotech Ltd. allow the resulting DNA extracts to be compatible with genomic PCR for genotyping.

The Straight PCR Lysis reagents not only mediate the rapid lysis of biological samples but also contain inhibitors that effectively suppress the inhibitory activities of crude lysates for PCR amplification, while maximally maintaining the integrity of released genomic DNA. The patent-pending simple procedure completely eliminate any solution transfer or tube-opening steps, providing you with substantial extra time.

Applications

- ★ 1000 ear pieces (100ml)

Storage :

At 4°C in the brown glass bottle for routine use.
Ships at RT.

Procedure:

1. Lyse Ear pieces in Straight PCR Lysis Reagent.
2. Incubate for 45 min at 85°C.
3. PCR genotyping with 1 µl lysates.

Features

- ★ **Time saving:** Less hands-on time. Crude tail lysates for PCR.
- ★ **Money saving:** Cost-effective reactions.
- ★ **Safe:** No organic reagents.
- ★ **Environmental:** Less waste (organic reagents, tubes, tips, etc...)
- ★ **Reliable and efficient:** Virtually 100% success rate with high yields.

