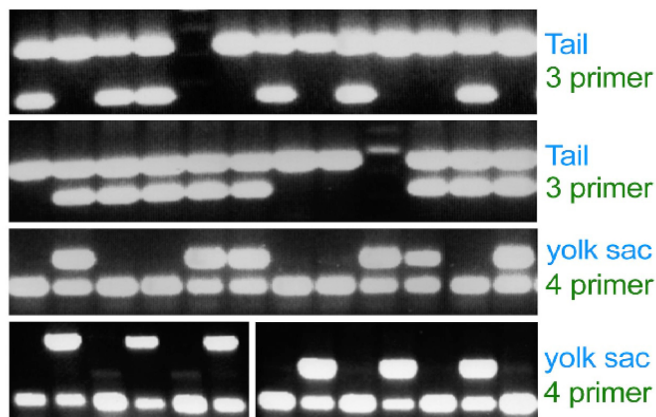


DirectPCR DNA Extraction Reagents

Genotyping without DNA isolation

Cited in the 2011 February issue of Genes & Development



Simple!

1. Lyse tails in DirectPCR® Reagent
2. Incubate for 45 min at 85°C
3. PCR genotyping with 1 µl lysate

NO!

Centrifugation
Tube change
Pipetting
Hands-on-time

▶ **Single-Tube DNA Extraction**

- ▶ Time saving
- ▶ Cost saving:
- ▶ Safe
- ▶ Environmental
- ▶ Reliable and efficient

Viagen DirectPCR® DNA Extraction System is a single-tube system for rapid preparation of DNA from mouse tails, ear pieces, yolk sac, and culture cells. The components developed by scientists at Viagen Biotech Inc. allow the resulting DNA extracts to be compatible with genomic PCR for genotyping. 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. The DirectPCR 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 simple procedure completely eliminates any solution transfer or tube-opening steps, providing you with substantial extra time. DirectPCR reagents cost only 26 cents per tail, which allows you to save an enormous amount of money over the year.

DirectPCR DNA Extraction Reagents	Cat-No.	Comments	Price CHF*
DirectPCR Lysis Reagent (mouse tail)	101-T	250 mouse tails (50 ml)	149.50
DirectPCR Lysis Reagent (mouse tail)	102-T	500 mouse tails (100 ml)	253.50
DirectPCR Lysis Reagent (yolk sac)	201-Y	yolk sacs (50 ml)	149.50
DirectPCR Lysis Reagent (yolk sac)	202-Y	yolk sacs (100 ml)	253.50
DirectPCR Lysis Reagent (cell)	301-C	cultured cells (50 ml)	149.50
DirectPCR Lysis Reagent (cell)	302-C	cultured cells (100 ml)	253.50
DirectPCR Lysis Reagent (mouse ear)	401-E	mouse ear (25 ml)	149.50
DirectPCR Lysis Reagent (mouse ear)	402-E	mouse ear (50 ml)	253.50
DNA Extraction Lysis Reagent	601-P	500 rxns (100 ml)	303.00
DNA Extraction Lysis Reagent	602-P	1000 rxns (100 ml)	494.00

* Prices are net, ex works, excl. VAT and subject to change