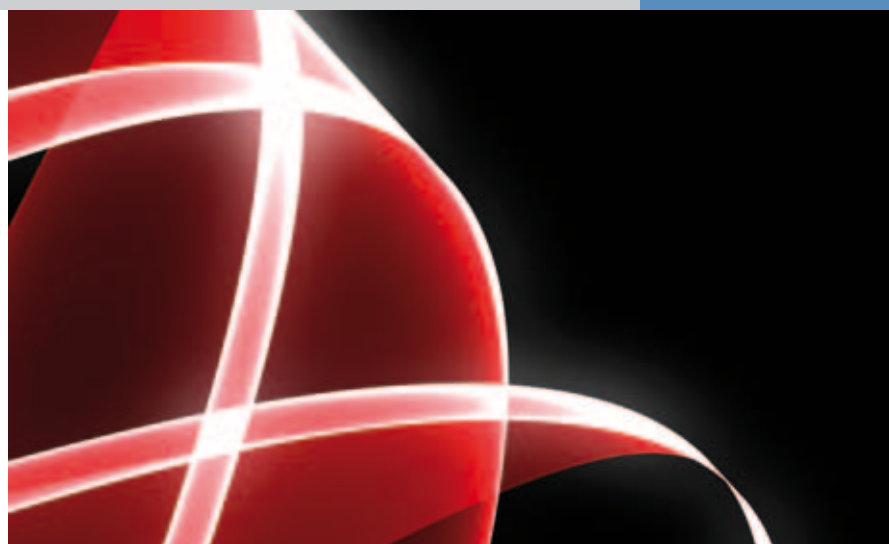
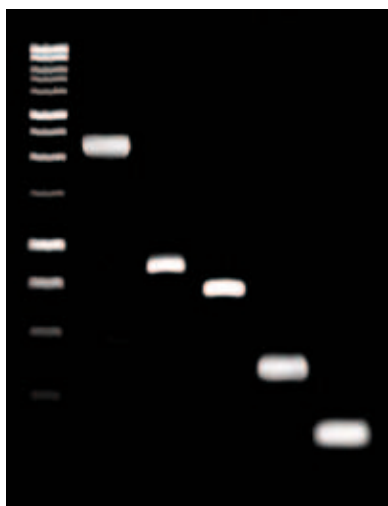


Reduce pipetting errors with the new **Simpler Red DNA polymerase**. The enzyme preparation contains an inert red dye that turns the reaction mix light red to indicate that the *Taq* DNA polymerase has been added, thereby minimizing pipetting errors.

## Thermo Scientific Simpler Red DNA Polymerase

**Fig. 1:** Amplification of a 76bp, 295bp, 653bp, 800bp, 2.2kb fragment from 12.5ng of human genomic DNA using Simpler Red.



### Simpler Red, Simple PCR

To make your PCR simple and error-proof add Simpler Red to your workflow. Be absolutely sure that the *Taq* polymerase has been aliquoted when the color changes to red through the addition of our Simpler Red DNA Polymerase. Simplify your reagent handling with kits that contain ready made 10X PCR buffer and 25mM MgCl<sub>2</sub> for 400 or 4000 - 25µl reactions. Simplify your ordering with two available pack sizes.

### Highly pure

Simpler Red is a 94kDa ultrapure recombinant thermostable *Taq* DNA Polymerase obtained by high level expression of the *Taq* DNA Polymerase gene in *E.coli*.

### Inert red dye in the enzyme

Reduce potential pipetting errors through easy visualization of the reactions that *Taq* has been added to. The inert dye does not affect your PCR reaction in any way, delivering confidence in your high quality results.

### High performance enzyme

Simpler Red has an increased activity leading to higher yields and an increase in the band intensity on agarose gels.

### High performance buffering system

Simpler Red is supplied with a highly optimized buffering system that minimizes the requirement for PCR optimization and supports reproducible, specific amplification of fragments up to 4kb in length.

### Versatile across a range of applications

Simpler Red DNA Polymerase works well for conventional PCR, reverse transcription PCR or generation of products for TA cloning.

Cat. No.	Description	Qty
AB-1605/A	Simpler Red DNA Polymerase	250 units
AB-1605/B	Simpler Red DNA Polymerase	2500 units

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