

# DreamTaq™ DNA Polymerase

Robust amplification with minimal optimization

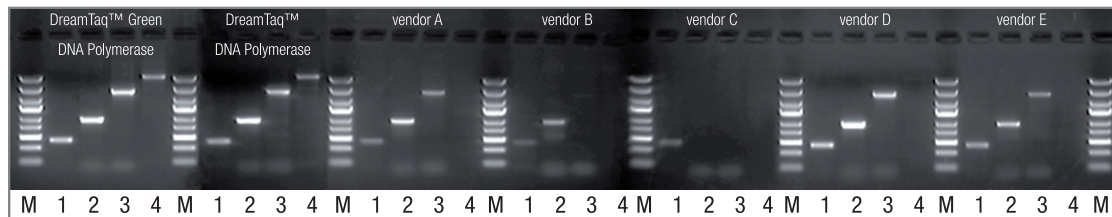
DreamTaq™ Green saves time with Ready-to-Load PCR Products



## ★ DreamTaq™ Special Bundles! (Available whilst stocks last)

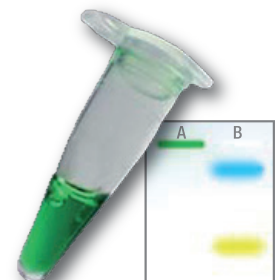
- Purchase EP0702 or EP0712 to receive a **FREE** pack of R0191 (dNTP Mix, 10 mM each, 0.2ml)
- Purchase 10 packs of EP0712 or EP0702 to receive B52 (10X TBE Buffer, 1L) **FREE**
- Purchase K1081 or K1071 before 31<sup>st</sup> March 2010 to receive a **FREE** SM0241 (100 bp DNA Ladder, 50ug)
- Bundled deals are whilst stocks last, please hurry

### High yields of PCR products obtained with Fermentas DreamTaq™ DNA Polymerases



M - GeneRuler™ Express DNA Ladder, 1 - 424 bp mouse Lcs, 2 - 956 bp human Uni STS (G31656), 3 - 2537 bp human tPA, 4 - 5003 bp human  $\beta$ -globine.

Product	Cat #	Size
<b>DreamTaq™ Green DNA Polymerase</b> Supplied with 10X DreamTaq™ Green Buffer and 25 mM MgCl <sub>2</sub>	EP0712	500U (5U/ $\mu$ L)
<b>DreamTaq™ Green PCR Master Mix (2X)</b> Supplied with Nuclease-free Water	K1081	4x 1.25ml (200 react. of $\mu$ l)
<b>DreamTaq™ DNA Polymerase</b> Supplied with 10X DreamTaq™ Buffer and 25 mM MgCl <sub>2</sub>	EP0702	500U (5U/ $\mu$ L)
<b>DreamTaq™ PCR Master Mix (2X)</b> Supplied with Nuclease-free Water	K1071	4x 1.25ml (200 react. of $\mu$ l)



**PCR reaction mixture:**  
A - unseparated in a well  
B - blue and yellow dyes after separation

## ✓ All the advantages at a glance

- **Save time** - go directly from PCR to gel electrophoresis
- **High yields** of PCR products with minimal optimization
- **Higher sensitivity** compared to conventional Taq DNA polymerase
- **Amplification of long targets** up to 6 kb from genomic DNA and up to 20 kb from viral DNA
- **Robust amplification** of difficult templates
- **Available** as a Master Mix

### Applications

- Routine PCR amplification of DNA fragments up to 6 kb
- RT-PCR
- Genotyping
- Generation of PCR products for TA cloning



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