Hotstart Taq DNA polymerase

Cat. No. CMC15 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Description	HotStart Taq DNA Polymerase is a thermostable, modified form of recombinant Taq DNA Polymerase. It is inactive at temperatures below 75°C, but can be activated by a 4 min 95°C incubation step. The combination of HotStart Taq DNA Polymerase and the optimized PCR buffer minimizes non-specific amplification products and primer dimers allowing highest sensitivity.
Formulation	HotStart Taq DNA polymerase, 10x HotStart reaction buffer(without Mg2+), 25mM MgCl2
Application	Amplification of genomic DNA and cDNA targets up to 3 kb long with high specificity, sensitivity, and yield, Real time PCR, Multiplex PCR, Carry-over prevention, Automated PCR e.g. handling at room temperatures.
Example	Useλ-DNA as template to do PCR. PCR condition:94℃ 5min/30cycles 94℃ 30sec, 58℃ 30sec, 72℃ 45sec/72℃ 5min.
Storage	-20℃

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