

Product Data Sheet

Product Name: 2×Taq PCR Fusion-Fast Mix(with blue dye)  
Cat. No.: GK10036

Features

Applications	1. 基因组DNA PCR 2. RT-PCR 3. 甲基化分析 4. SNP 5. 突变检测
Shipping	冰袋
Storage	-20°C 24 个月 4°C 6 个月
Usage	For Research Use Only! Not For Use in Humans.

Protocol

1. 基因组DNA PCR

2×Taq PCR Fusion-Fast Mix(with blue dye)

1.

1. 10~1000 ng DNA 1~30 ng RT-PCR cDNA 1~2 μl PCR 10-15 sec/kb

2. GC AT PCR 10-15 sec/kb

FAQs:

Q: PCR 10-15 sec/kb

A: 1. 10-15 sec/kb 2. GC AT PCR 10-15 sec/kb

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A: 1. 10-15 sec/kb 2. GC AT PCR 10-15 sec/kb

Caution: Product has not been fully validated for medical applications. For research use only.  
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com  
Address: 10292 Central Ave. #205, Montclair, CA, USA



Product Data Sheet

Product Name:  DNA  
Product Description:

Product Code:

PCR Method:  Touch Down

Background

2xTaq PCR Fusion-Fast Mix(with blue dye) is a PCR master mix containing Taq DNA polymerase, dNTPs, and a blue dye. It is designed for high-throughput PCR applications.

The PCR reaction buffer contains ddH<sub>2</sub>O, PCR buffer, and Taq DNA polymerase. The reaction conditions are 95°C for 30 sec, 55°C for 30 sec, and 72°C for 1 min. The reaction is performed in a 96-well plate with 1% TAE buffer and 500 bp DNA template.

Fusion-Fast DNA is a 3'→5' PCR primer with a 3'-dA tail. The primer sequence is TA...GC with a GC content >60%. The primer is designed for high-throughput PCR applications. Fusion-Fast DNA is a Taq DNA polymerase with a 50% Super Fast Taq and a 60% Fusion-Fast Taq. The reaction rate is 5-10 sec/kb for >3kb DNA.

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