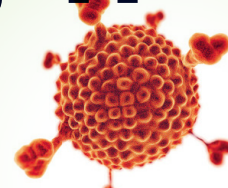
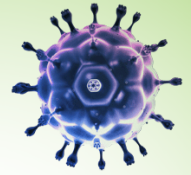


病毒檢驗不能等!!

您需要更有效率的檢驗流程

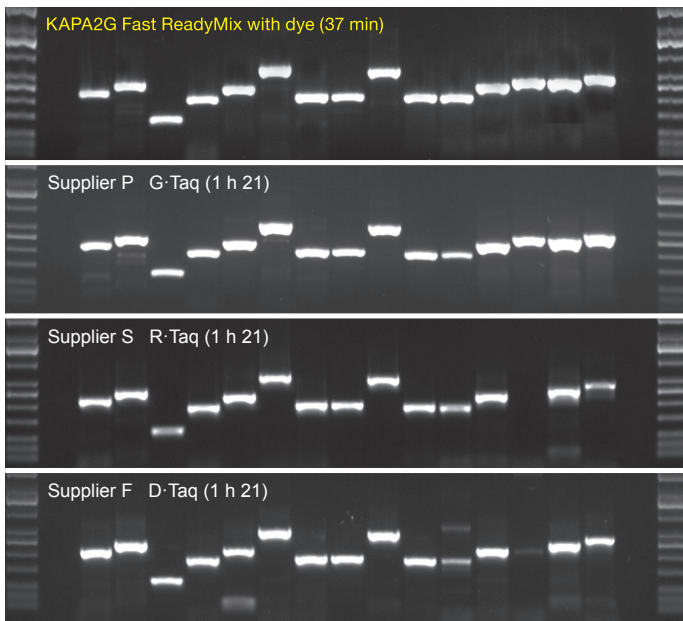


高速度
高效能

KAPA2G Fast ReadyMix with dye

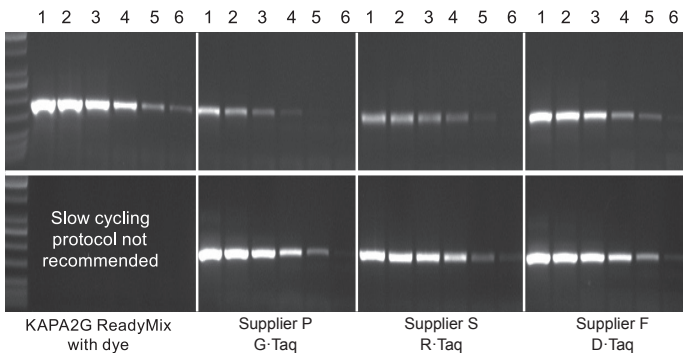
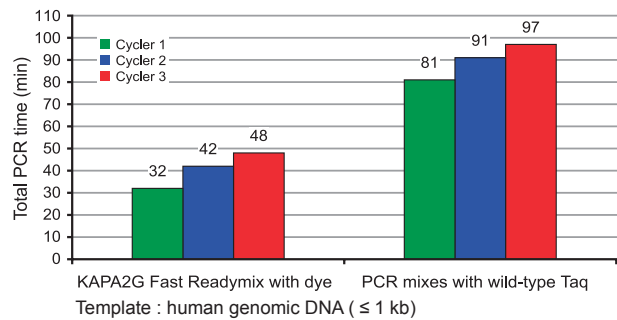
- 節省反應時間達 70%
- 合成速度快，1kb 的 extension 時間只需 1sec
- 含 loading dye，PCR 完可直接跑膠
- 2X ReadyMix 配方，使用方便

Cat No	Product	Size
KK5603	KAPA2G Fast HotStart ReadyMix	100 x 25 µl rxns
KK5608	KAPA2G Fast HotStart ReadyMix with dye	100 x 25 µl rxns
KK5801	KAPA2G Fast Multiplex Mix	100 x 25 µl rxns



KAPA				Others			
95 °C	3min			95 °C	3min		
95 °C	15sec			95 °C	30sec		
60 °C	15sec	} 35 cycles		60 °C	30sec	} 35 cycles	
72 °C	5sec			72 °C	1min		
95 °C	3min			95 °C	3min		
95 °C	15sec			95 °C	30sec		
60 °C	15sec	} 35 cycles		60 °C	30sec	} 35 cycles	
72 °C	15sec			72 °C	1min		

有效節省
PCR 時間



Template DNA in each reaction was as follows: 1 = 50 ng, 2 = 10 ng, 3 = 2 ng, 4 = 400 pg, 5 = 80 pg and 6 = 16 pg.

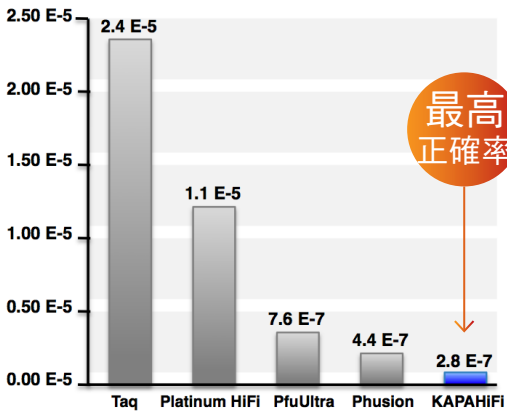
KAPA--48 min				Others--1 h 37 min			
95 °C	3min			95 °C	3min		
95 °C	15sec			95 °C	30sec		
60 °C	15sec	} 35 cycles		60 °C	30sec	} 35 cycles	
72 °C	5sec			72 °C	1min		

提供
較高靈敏度

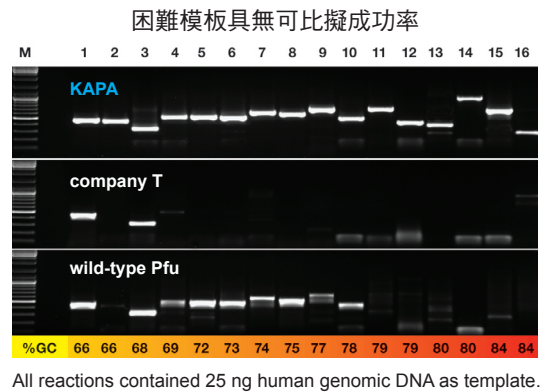
KAPA HiFi DNA Polymerase

地表最強 !! 正確率最高酵素

- Sanger Institute 次世代定序 (NGS) 指定使用
- 最高的正確率，是 Taq 酵素的 100X
- 可以擴增各種複雜模板，如 AT、GC-rich 片段
- 擴增長度高達 15 kb
- 具備 HotStart 與 ReadyMix 版本



Error rates of DNA polymerases and blends

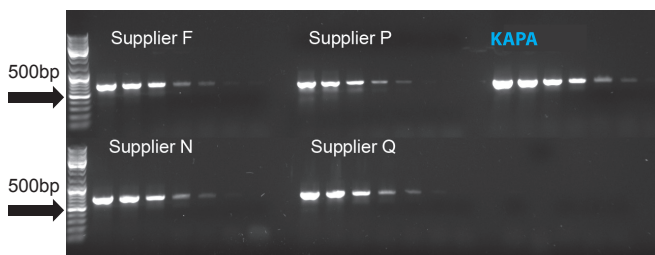


Cat No	Product	Size
KK2101	KAPA HiFi + KAPA dNTP Mix	100 units
KK2501	KAPA HiFi HotStart + KAPA dNTP Mix	100 units
KK2601	KAPA HiFi HotStart ReadyMix	100 rxns

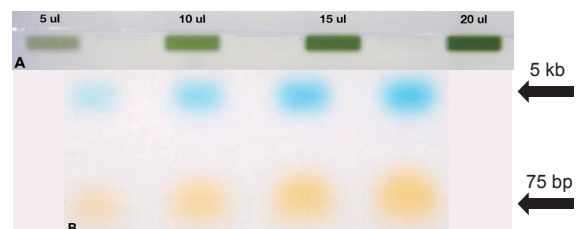
KAPATaq ReadyMix

實驗室常備，便宜好用的 Taq

- 產量高
- 絕佳的靈敏度
- 含 loading dye，PCR 完可直接跑膠
- 2X ReadyMix 配方，使用方便



10x template dilution series starting at 1 ng of DNA



A. Volumes above wells indicate the volume of the PCR reaction loaded on the gel.
B. On a 1% agarose gel, the blue dye migrates at the same rate as a 5 kb DNA fragment, and the yellow dye migrates at 75 bp.

loading dye 不會影響 PCR 反應



Cat No	Product	Size
KK1014	KAPATaq PCR Kit	250 U
KK1508	KAPATaq HotStart PCR Kit	250 U
KK1024	KAPA Taq ReadyMix with dye	250 x 50 µl rxns



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