



MERCK 1件85折 2件75折

qPCR

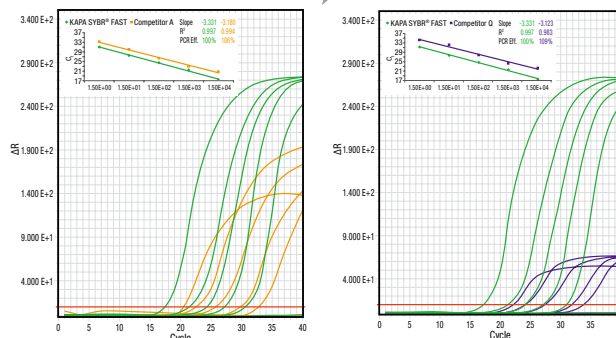
KAPA SYBR® FAST qPCR Kit

第一支專為 qPCR 設計的酵素

- 速度快，反應時間僅需 40 分鐘
- 螢光訊號強
- 靈敏度高
- 專一性佳
- 應用廣

螢光讀值
優於它牌

95 °C 3min
95 °C 3sec } 40 cycles
60 °C 20sec }



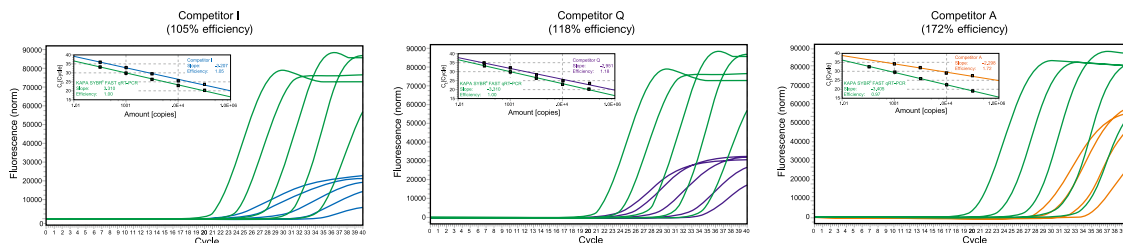
與他牌 SYBR 相比，KAPA SYBR FAST 有更高的螢光讀值。

Cat No.	Product	Size
KK4600	KAPA SYBR® FAST Universal	1ml (100 rxns)
KK4603	KAPA SYBR® FAST ABI Prism®	1ml (100 rxns)
KK4606	KAPA SYBR® FAST Bio-Rad iCycler™	1ml (100 rxns)
KK4609	KAPA SYBR® FAST for Roche® LightCycler 480	1ml (100 rxns)

KAPA SYBR® FAST One-Step qRT-PCR Kits

從 RNA 到 qPCR 結果，過程不到一小時！

- 螢光訊號強、反應效率高
- 長片段產物 (414bp) 亦適用
- 絕佳的靈敏度與再現性，可偵測基因濃度低至 0.8pg/20µl
- 只要一管，避免繁複步驟造成之樣品汙染或結果差異
- 內含 M-MuLV 反轉錄酶 + RNase inhibitor + KAPA 特有的 qPCR 專業酵素



The RRMI gene (94 bp, 45.7% GC) was amplified from a 10-fold dilution series of RNA (100 ng to 10 pg per 20 µl reaction), isolated from human placenta, using the KAPA SYBR® FAST One-Step qRT-PCR Kit (green) or Competitor I (blue), Competitor Q (purple), and Competitor A (orange).

Cat No.	Product	Size
KK4650	One-Step qRT-PCR Kit, Universal	1ml (100 rxns)
KK4660	One-Step qRT-PCR Kit, ABI Prism®	1ml (100 rxns)
KK4670	One-Step qRT-PCR Kit, Bio-Rad iCycler™	1ml (100 rxns)
KK4680	One-Step qRT-PCR Kit, Roche® LightCycler 480	1ml (100 rxns)

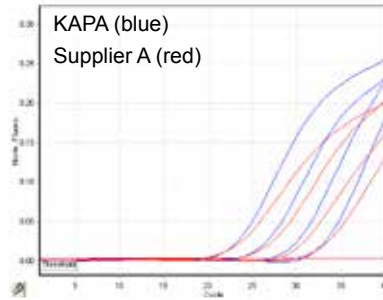
KAPA PROBE FAST qPCR Kits

精確，重複性好，適用於所有 **PROBE-base qPCR** 的應用

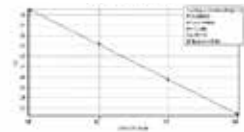
性能
優於它牌

- 速度快，反應時間僅需 40 分鐘
- 適用 TaqMan probe, FRET probe, Molecular Beacon 系統
- 靈敏度高
- 專一性佳
- 可同時容納 5 種 probe 作用

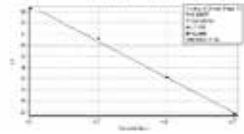
95 °C 3min
95 °C 3sec } 40 cycles
60 °C 30sec }



KAPA PROBE FAST



Supplier A



Template : human estrogen receptor (hER) 10- fold dilution (100 ng to 100 pg per reaction)

Cat No	Product	Size
KK4701	KAPA PROBE FAST Universal	1ml (100 rxns)
KK4705	KAPA PROBE FAST ABI Prism®	1ml (100 rxns)
KK4709	KAPA PROBE FAST Bio-Rad iCycler™	1ml (100 rxns)

KAPA PROBE FAST One-Step qRT-PCR Kits

可用於市面上各種機型，從 **RNA** 到 **qPCR** 結果，過程不到一小時！

PROBE
系統專用

- 操作快速，只需一管即可完成 qRT-PCR
- 使用 HotStart Taq，避免雜訊產生，提高反應效率
- 降低實驗過程污染的機率
- 適用於 hydrolysis probes (e.g., TaqMan) 與 displacement probes (e.g., molecular beacons)



qRT-PCR 一管 ok!

Step	Temp.	Duration	Cycles
Reverse transcription	42°C	5 min	Hold
Enzyme inactivation	95°C	2 – 5 min	Hold
Denaturation	95°C	3 sec	40
Annealing/extension/ data acquisition	60°C	≥ 20 sec	40

Cat No	Product	Size
KK4752	KAPA PROBE FAST Universal One-Step qRT-PCR Kit	500 X 20 ul rxns