

Premix Ex Taq™ (Tli RNaseH+)

for SYBR® and Probe detection

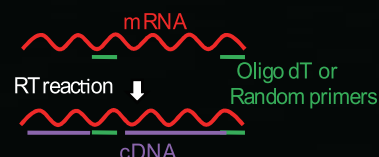
全新配方！

添加 Tli RNase H，克服 Template RNA 干擾

- 提高樣本檢出率，增加實驗再現性
- 放大效率更好 (Ct 值較低)
- qPCR 前不用再作 RNase 前處理
- 高靈敏度：100 copies
- Hot start 專一性高
- 適用各機型

RNaseH 作用示意圖

RT 後 Template mRNA，仍可結合在 cDNA 上



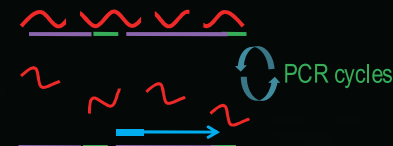
Current PCR Reagent

mRNA : cDNA Hybrid 會阻礙 qPCR 的進行

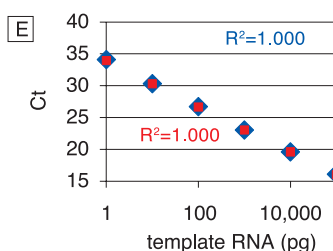
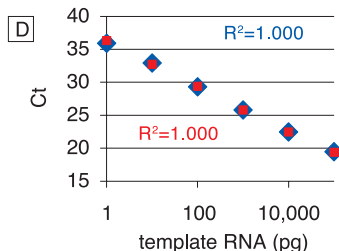
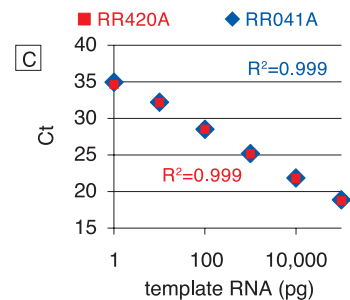
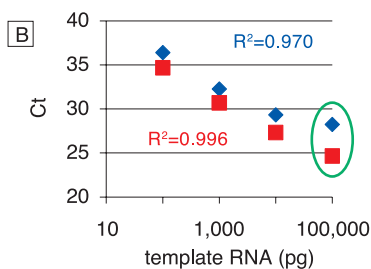
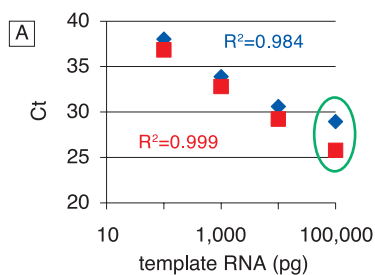


New Products Tli RNaseH Plus

新版試劑可將結合在 cDNA 上的 mRNA 水解，讓 qPCR 的進行更為順利



Tli RNaseH 的效果 (與舊版相比較)



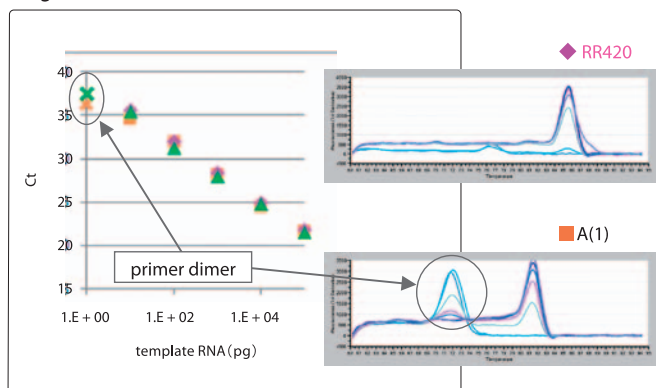
Template : Human testis cDNA
(相當於 Total RNA 1pg~100 ng)
Target :
A: LSP1 (GC 68%)
B: C16orf84 (GC73%)
C: ATP5F1 (GC45%)
D: B2M (GC52%)
E: RP2P1 (GC59%)

RR420 合成效率最高且適用較長片段 (Ct 值較低)

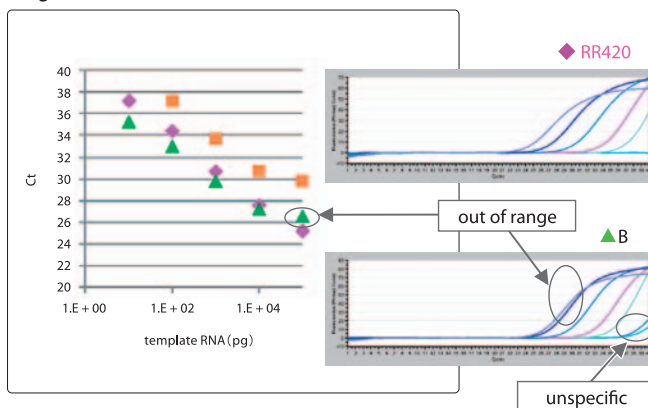
◆ RR420 ■ company A(1) ▲ company B

Template : Human testis cDNA
(corresponding to total RNA 10 pg ~ 100 ng)

Target : PGK1 (GC 54%)



Target : C16orf84 (GC 73%)

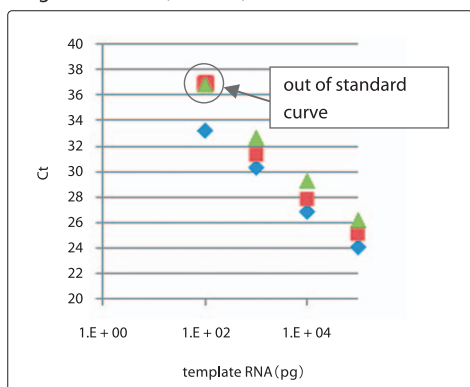


RR820 專一性高且合成效率高

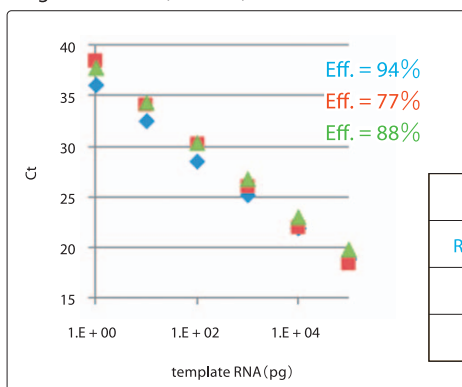
◆ RR820 ■ company A(2) ▲ company C

Template : Human testis cDNA
(corresponding to total RNA 1 pg ~ 100 ng)

Target : PLSCR3 (GC 67%)



Target : ATP5F1 (GC 45%)

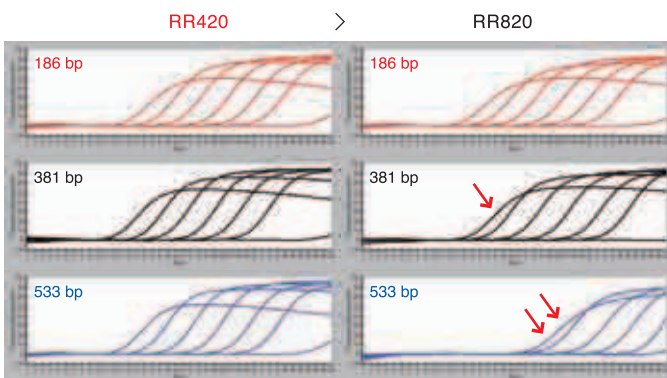
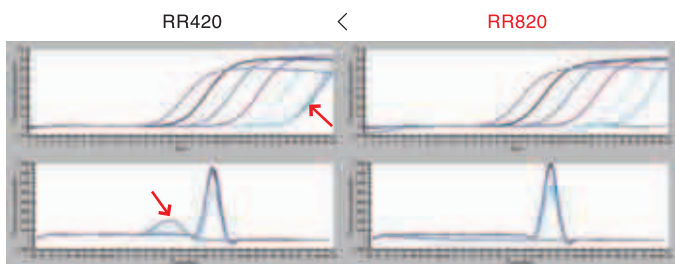


	elongation time	reaction time
RR820	30 sec.(2 step)	1 h 25 min.
A(2)	60 sec.(2 step)	2 h 1 min.
C	30 sec.(3 step)	2 h 13 min.

RR420 和 RR820 的比較

專一性比較

擴增效率比較



Template : Human testis cDNA (相當於 Total RNA 1pg~100 ng)
Target : YWHAZ 194 bp (專一性)
ACTB 186bp, 381bp, 533bp (擴增效率)

訂購資訊

貨號	品名	包裝
RR390A	Premix Ex Taq (Tli RNaseH+)	200 rxns
RR390B	Premix Ex Taq (Tli RNaseH+)	400 rxns
RR420A	SYBR Premix ExTaq (Tli RNaseH+)	200 rxns
RR420B	SYBR Premix ExTaq (Tli RNaseH+)	400 rxns
RR820A	SYBR Premix ExTaq II (Tli RNaseH+)	200 rxns
RR820B	SYBR Premix ExTaq II (Tli RNaseH+)	400 rxns