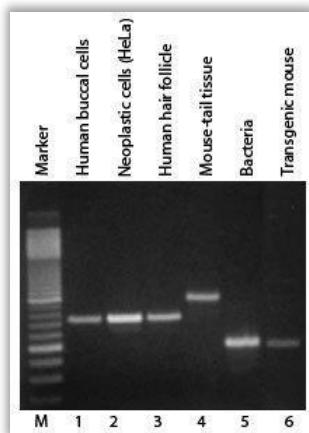


QuickExtract DNA Extraction Solution

- 單一管子 10 分鐘內完成 DNA 萃取
- 不含毒化物，安全使用
- 樣本：毛囊、羽毛、斑馬魚、小鼠尾毛、血液樣本、細菌
- 應用：Genotyping, CRISPR/Cas9 library screening, Viral/microbial screening...



▲ FailSafe PCR (Cat. FS99060) amplifications of gDNA extracted from a variety of tissues or cells.



產品編號	包裝
QE09050	50 mL
QE0905T	5 mL

Publication Reference

- 應用於 qPCR 病毒檢測
Ladha, Alim, et al. "A 5-min RNA preparation method for COVID-19 detection with RT-qPCR." *MedRxiv* (2020): 2020-05.
- NASA 把即時微生物分析帶到國際太空站
Stahl-Rommel, S., et al. "Real-time culture-independent microbial profiling onboard the International Space Station using nanopore sequencing. *Genes* (Basel). 2021; 12 (1)." 2021,

買50mL QuickExtract DNA
Or QuickExtract Plant
送 PCR Mix 5支

(買 Cat. QE09050 或 QE0905T 贈 Cat. 30033-1-C)

EconoTaq PLUS GREEN 2X Master Mix

- 2X Premix 形式，方便使用
- 高CP值，適合常規 PCR
- 可耐 98 °C，適合擴增高 GC 的模板(~75%)
- 含 DNA 電泳追蹤染料 (~5k & 75 bp)
- 擴增長度 ~ 5 kb DNA
- 保存穩定，耐 10 次凍融，可於 4°C 冷藏 3 個月

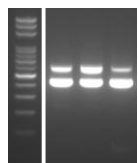
買10支送
QuickExtract DNA, 5mL 或
QuickExtract Plant, 5mL

(買 Cat. 30033-1 贈 Cat. QE0905T)

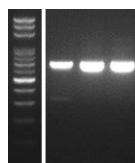
產品編號	包裝
30033-1	1.25 mL x 10 支
30033-1-C	1.25 mL x 5 支

搭配 QuickExtract 使用

a. 鳥羽毛



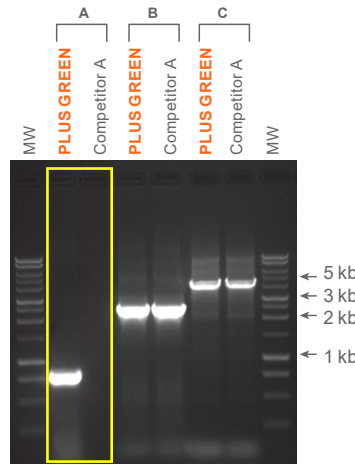
b. 昆蟲組織



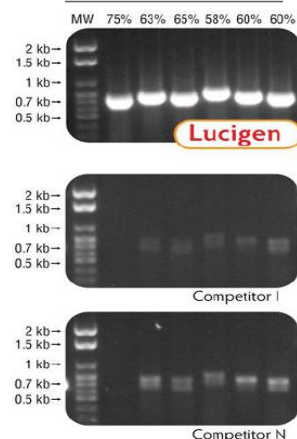
◀樣本用 QuickExtract 萃取後，以 EconoTaq Mix 擴增，測試 annealing 溫度 51, 53, 56 °C (左至右) 結果。 Target: a. 650 bp & 450bp; b. 700bp

Competitor A: GoTaq Green Master Mix (Competitor A) ▶
Panel A, a prokaryotic single-stranded DNA binding protein (gDNA);
Panel B, prokaryotic DNA polymerase A (gDNA);
Panel C, 4.5 kb gene (plasmid DNA).

競品比較



擴增高GC含量序列



▲ GC-rich regions from human gDNA were PCR amplified using 98°C denaturation.

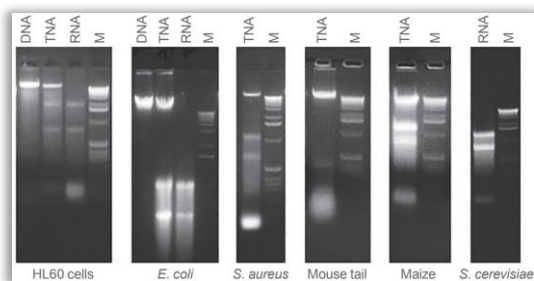
Publication Reference

- Genotyping
Canaday, Laura M., et al. "Refined cell transfer model reveals roles for Ascl2 and Cxcr3 in splenic localization of mouse NK cells during virus infection." *The Journal of Immunology* 214.8 (2025): 1917-1925.

此頁品項
任兩件75折

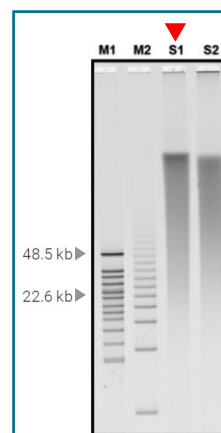
MasterPure Complete DNA and RNA Purification Kit

- 快速：在 30-60 分鐘內純化 DNA、RNA 或總核酸 (TNA)
- 高效純化：A260/A280 比值穩定維持在 1.8–2.0
- 高產量：避免使用傳統柱式方法，顯著提升核酸回收率
- 完整 RNA 回收：同時純化大分子與小分子 RNA (miRNA)
- 樣本廣泛：可用於人類、動植物組織、細菌和培養細胞、FFPE RNA，一套工具搞定
- 無毒化物：無 phenol, chloroform, guanidinium salts
- 應用：qPCR, NGS, capillary sequencing, RNA-Seq...



◀ Nucleic acids purified from diverse sources using the MasterPure Complete Kit. Lane M, kilobase ladder.

第三代定序大廠
PacBio 推薦使用！



S1: MasterPure
S2: Competitor

- High-quality gDNA
- Long read lengths (>20 kb)

M1: Bio-Rad CHEF 8-48 kb
M2: Bio-Rad CHEF 5 kb

◀ CHEF Mapper gel image showing gDNA sample quality predominantly >20 kb. Control microbial genomes extracted from *E. coli*. (Data from PacBio Application note)

Publication Reference

Jaudou, Sandra, et al. "Evaluation of high molecular weight DNA extraction methods for long-read sequencing of Shiga toxin-producing *Escherichia coli*." Plos one 17.7 (2022): e0270751.

Nucleic Acid Extraction and Lysis Solution

QEP70750	50 mL	QuickExtract Plant DNA Extraction Solution
MC85200	200 DNA/ 100 RNA purif	MasterPure Complete DNA & RNA Purification Kit
MC89010	10 DNA/ 5 RNA purif	MasterPure Complete DNA & RNA Purification Kit
MPY80200	200 purif	MasterPure Yeast DNA Purification Kit
MPY03100	100 purif	MasterPure Yeast RNA Purification Kit
MGP04100	100 purif	MasterPure Gram Positive DNA Purification Kit
MRC0912H	1200 mL	Red Cell Lysis Solution, 1200 mL
MTC096H	600 mL	Tissue & Cell Lysis Solution, 600 mL
MMP095H	500 mL	MPC Protein Precipitation Solution, 500 mL

單售高效
Lysis
Solution

DNA polymerase

TTH72250	250U	MasterAmp Tth DNA Polymerase (5 U/μL)
30221-1	2,000 U	NxGen phi29 DNA Polymerase (10 U/μL)
30223-1	25,000 U	NxGen T7 RNA Polymerase (50 U/μL)

Reverse Transcription

30222-1	50,000 U	NxGen M-MuLV Reverse Transcriptase
RT80125K	25,000 U	MMLV High Performance Reverse Transcriptase (200 U/μL)
ERT12910K	10,000 U, 50 μL	EpiScript™ RNase H- Reverse Transcriptase Kit (200 U/μL)
ERT12925K-ENZ	25,000 U, 125 μL	EpiScript™ RNase H- Reverse Transcriptase (200 U/μL)

Others

LC-30241-500U	500U	NxGen T4 DNA Ligase (Low Concentration)
30241-1	1,500 U	NxGen T4 DNA Ligase (Low Concentration) (2 U/μL)
30243-1	1,500 U	NxGen T4 DNA Ligase (High Concentration) (10 U/μL)
CL4111K	1,000 U	Circligase ssDNA Ligase (100 U/μL)
CL9021K	1,000 U	Circligase II ssDNA Ligase (100 U/μL)
30281-1	10,000 U	NxGen RNase Inhibitor (40 U/μL)
RNR07250	250 U	Ribonuclease R (RNase R) (20 U/μL)