

# 他夏了夏天 我們下了折扣 直到秋天

2019 · 09 · 30 止

## SUMMER SALE

MERCK

Lonza

Cleaver  
SCIENTIFIC

ZENOAG

ZYMO RESEARCH

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HansaBioMed  
Life Sciences

SBI  
System Biosciences

LGC

BIOSEARCH  
TECHNOLOGIES  
GENOMIC ANALYSIS BY LGC



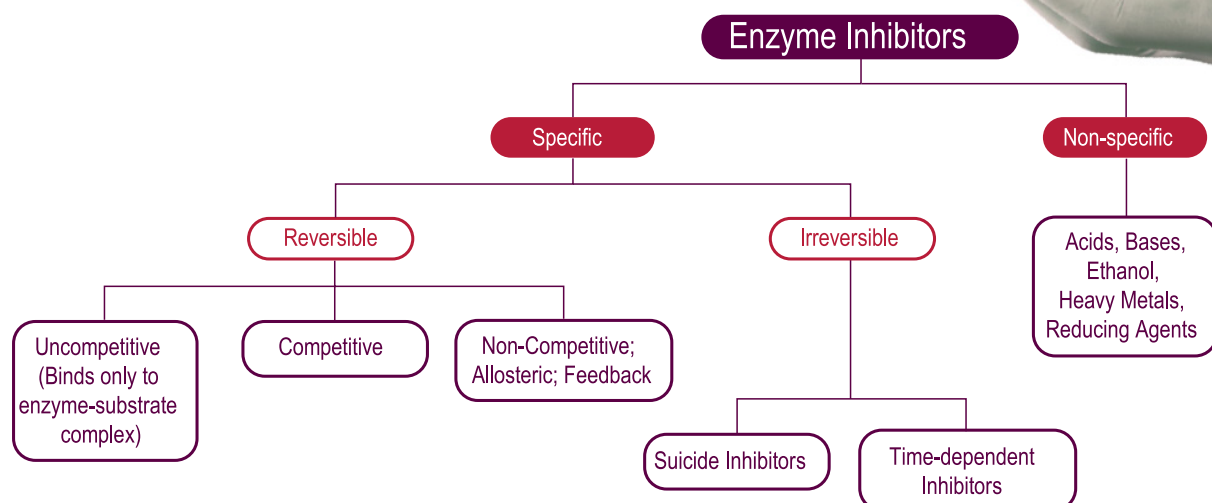
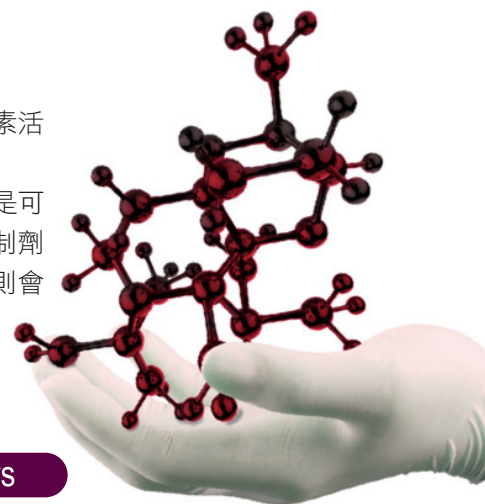
研毅企業有限公司 ANTEC Bioscience Inc. [www.antec-bio.com.tw](http://www.antec-bio.com.tw)

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# MERCK 高品質的抑制劑

酶抑制劑 (Enzyme inhibitor) 雖存在於天然環境中並參與了代謝調節，但不正常的酵素活性卻會引發疾病的產生。

抑制劑的結合可以阻止標的物進入酶的活化位和 / 或阻止酶催化其反應。此結合可以是可逆的或不可逆的，不可逆抑制劑通常與酶反應並形成共價鍵結。相反的，可逆抑制劑則以非共價結合。此外，並非所有與酶結合的分子都是抑制劑。酶激活劑與酶結合則會增加其酶活性。



## 全系列抑制劑 **2 件 85 折**

| Cat No.        | Description                                               | Target                  | Qty/Pack |
|----------------|-----------------------------------------------------------|-------------------------|----------|
| 616461-5MGCN   | TGF- $\beta$ RI Kinase Inhibitor VI, SB431542             | Smad2                   | 5mg      |
| 616464-5MGCN   | InSolution™ TGF- $\beta$ RI Kinase Inhibitor VI, SB431542 | Smad2                   | 5mg      |
| 474790-10MGCN  | MG-132                                                    | proteasome              | 10mg     |
| 474791-1MGCN   | InSolution™ MG-132                                        | proteasome              | 1mg      |
| 565770-5MGCN   | $\gamma$ -Secretase Inhibitor IX                          | A $\beta$ production    | 5mg      |
| 565784-10MGCN  | InSolution™ $\gamma$ -Secretase Inhibitor IX              | A $\beta$ production    | 10mg     |
| 448101-1MGCN   | Met Kinase Inhibitor                                      | Met kinase              | 1mg      |
| 688000-1MGCN   | Y-27632                                                   | ROCK                    | 1mg      |
| 688001-500UGCN | InSolution™ Y-27632 in H <sub>2</sub> O                   | ROCK                    | 500ug    |
| 688002-1MGCN   | InSolution™ Y-27632 in DMSO                               | ROCK                    | 1mg      |
| 234490-1MGCN   | PD 153035                                                 | EGFR                    | 1mg      |
| 420099-500UGCN | JAK Inhibitor I                                           | JAK1, JAK2, JAK3, Tyk2  | 500ug    |
| 420132-25MGCN  | JAK2 Inhibitor II                                         | JAK2                    | 25mg     |
| 440202-10MGCN  | LY 294002                                                 | PI3K                    | 10mg     |
| 440204-1MGCN   | InSolution™ LY 294002                                     | PI3K                    | 1mg      |
| 529573-1MGCN   | PP2                                                       | Src                     | 1mg      |
| 565851-50MGCN  | SHP1/2 PTPase Inhibitor                                   | SHP1, SHP2              | 50mg     |
| 573096-1MGCN   | STAT3 Inhibitor Peptide                                   | STAT3                   | 1mg      |
| 573097-10MGCN  | STAT3 Inhibitor III                                       | STAT3                   | 10mg     |
| 573099-25MG    | STAT3 Inhibitor V, Stattic                                | STAT3                   | 25mg     |
| 573108-10MGCN  | STAT5 Inhibitor                                           | STAT5                   | 10mg     |
| 200241-1GMCN   | 6-Benzylaminopurine                                       | P2-purinergic receptors | 1g       |
| 658401-5MGCN   | AG 490                                                    | JAK2                    | 5mg      |
| 662005-5MGCN   | U0126                                                     | MEK1, MEK2              | 5mg      |
| 662009-5MGCN   | InSolution™ U0126                                         | MEK1, MEK2              | 5mg      |
| 513000-5MGCN   | PD 98059                                                  | MEK                     | 5mg      |
| 513001-1MLCN   | InSolution™ PD 98059                                      | MEK                     | 1ml      |
| 200241-1GMCN   | 6-Benzylaminopurine                                       | P2-purinergic receptors | 1g       |
| 101500-100MGCN | AESBF, Hydrochloride                                      | chymotrypsin            | 100mg    |
| 5.08436.0001   | InSolution™ AESBF, Hydrochloride                          | chymotrypsin            | 50mg     |
| 52332-5GMCN    | Phenylmethylsulfonyl Fluoride, PMSF                       | serine proteases        | 5g       |

# SUMMER

Cocktail 專區 買2送1

**MERCK**

## Protease Inhibitor & Phosphatase Inhibitor Cocktail



### Protease Inhibitor Cocktail Set I

- Form: Lyophilized
- 包含五種蛋白酶抑制劑
- 100x 稀釋使用

| Protease Inhibitor      | M.W.  | 1X Concentration | Target Proteases                              |
|-------------------------|-------|------------------|-----------------------------------------------|
| AEBSF, Hydrochloride    | 239.5 | 500 $\mu$ M      | Serine Proteases                              |
| Aprotinin, Bovine Lung  | 6512  | 150 nM           | Serine Proteases and Esterases                |
| E-64 Protease Inhibitor | 357.4 | 1 $\mu$ M        | Cysteine Proteases                            |
| EDTA, Disodium          | 372.2 | 500 $\mu$ M      | Metalloproteases                              |
| Leupeptin, Hemisulfate  | 475.6 | 1 $\mu$ M        | Cysteine Proteases and Trypsin-like Proteases |

### Protease Inhibitor Cocktail Set III, EDTA-Free

- Form: Liquid / DMSO
- 適用於哺乳類細胞及組織萃取
- 包含六種蛋白酶抑制劑
- 100x-2000x 稀釋使用

| Protease Inhibitor      | M.W.  | Concentration in the Vial | Target Proteases                            |
|-------------------------|-------|---------------------------|---------------------------------------------|
| AEBSF, Hydrochloride    | 239.5 | 20 mM                     | Serine Proteases                            |
| Bestatin                | 308.4 | 1.7 mM                    | Aminopeptidase B and Leucine Aminopeptidase |
| E-64 Protease Inhibitor | 357.4 | 200 $\mu$ M               | Cysteine Proteases                          |
| EDTA, Disodium          | 372.2 | 85 mM                     | Metalloproteases                            |
| Pepstatin A             | 685.9 | 2 mM                      | Aspartic Proteases                          |

### Phosphatase Inhibitor Cocktail Set V

- Form: Liquid
- 包含四種磷酸蛋白酶抑制劑
- 50x 稀釋使用

| Phosphatase Inhibitor             | M.W.   | Concentration in the Vial | Target Phosphatases                                |
|-----------------------------------|--------|---------------------------|----------------------------------------------------|
| Sodium Fluoride                   | 41.99  | 250 mM                    | Acid phosphatases                                  |
| Sodium Orthovanadate              | 183.9  | 50 mM                     | Protein Tyrosine Phosphatase, Alkaline Phosphatase |
| Sodium Pyrophosphate, Decahydrate | 446.06 | 50 mM                     | Ser/Thr Phosphatases                               |
| $\beta$ -Glycerophosphate         | 306.1  | 50 mM                     | Ser/Thr Phosphatases                               |

| Cat No. | Description                                    | Qty/Pack  |
|---------|------------------------------------------------|-----------|
| 539131  | Protease Inhibitor Cocktail Set I              | 1VL/ 10VL |
| 539134  | Protease Inhibitor Cocktail Set III, EDTA-Free | 1ML/1SET  |
| 539137  | Protease Inhibitor Cocktail Set V, EDTA-Free   | 1ML/10VL  |
| 524625  | Phosphatase Inhibitor Cocktail Set II          | 1ML/1SET  |
| 524629  | Phosphatase Inhibitor Cocktail Set V, 50X      | 1ML/1SET  |

# Epigenetic 表觀遺傳

## Methylation

在動物體內，DNA 甲基化主要是指對 CpG 位點中胞嘧啶 (C) 的五號碳上增加一個甲基的過程。DNA 的甲基化可能對該基因的轉錄活性具有抑制作用。

### MERCK CpG MethylQuest DNA Isolation Kit

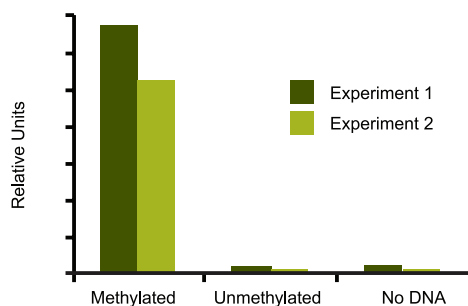
2 件 85 折

#### 原理

利用高親和性的 GST-MBD (Methylation Binding Domain) 蛋白磁珠系統，快速且專一性的純化甲基化的 DNA 片段。

#### 特點

- 高親和力：1 ng input genomic DNA 也可成功純化到甲基化 DNA
- 高專一性：不會與非甲基化 DNA 或半甲基化 DNA 片段結合
- 操作簡易：elution 後直接獲得純化 DNA，無須 clean up 與其他純化步驟
- 快速：只需 2 小時即可完成甲基化 DNA enrichment

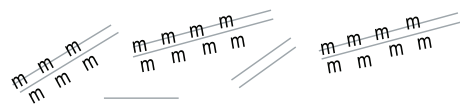


#### Purified MethylQuest 專一性結合上甲基化 DNA

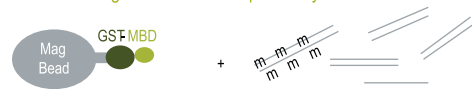
分別將甲基化 DNA、未甲基化 DNA 與不加 DNA 組別與 GST-MBD 蛋白混合一小時後，以 anti-GST 抗體做偵測

#### Rapid and Simple CpG MethylQuest™ Protocol

1. Fragment genomic DNA by restriction digestion



2. Add Fragmented DNA to CpG MethylQuest™ Beads



3. Incubate to allow binding of methylated DNA.



4. Remove or collect supernatant containing unmethylated DNA



5. Wash beads and heat to elute methylated DNA



### 同場加映

### GST-MBD 蛋白可以單買，實驗設計更多元

特價優惠中 請洽當區業務

#### CpG MethylQuest™ Protein (Recombinant GST-MBD fusion protein)

Thrombin cleavage site 兩端連接 GST 與 MBD2 (Methylation Binding Domain)，提供給實驗者更靈活的實驗設計。

#### 特點

- 可在 GST 的 cysteine 進行化學修飾，如：連結報告基因 (reporters)，親和標記 (affinity tags) 或其他功能性基團 (functional groups)
- 可利用 Anti-GST 抗體將此複合物固定在其表面 (如 microtiter plates)
- 利用帶有標記的 GST 抗體或二抗，即可偵測整個複合物
- 利用 Thrombin 來 elute 整個複合物

| Cat. No. | Description                                                   | Size         |
|----------|---------------------------------------------------------------|--------------|
| 17-10035 | CpG MethylQuest DNA Isolation Kit                             | 30 Reactions |
| 14-921   | CpG MethylQuest™ Protein (Recombinant GST-MBD fusion protein) | 100 µg       |

# MERCK CpGenome Turbo Bisulfite Modification Kit

從 DNA 樣品處理到純化只需 90 分鐘

2 件 85 折

## 原理

利用亞硫酸鹽 ( Bisulfite ) 處理，使純化後 DNA 上未甲基化的胞嘧啶 ( C ) 轉變為尿嘧啶 ( U )，已被甲基化的胞嘧啶則不受影響。再結合定序或 PCR 方式來檢測。

## 特點

- 獨家配方：40 分鐘內完成亞硫酸鹽轉化作用，對於 DNA 傷害小，且可避免 DNA 過度轉化
- 高轉換率：修飾轉換效率高達 99.9 %
- 快速：只需 90 分鐘即完成亞硫酸鹽處理及 DNA 純化
- 適用範圍：1 ng – 1 ug DNA 樣品
- 檢體來源：細胞或組織經常規萃取純化後的 DNA；福馬林固定的石蠟保埋組織建議額外採用專用 DNA 萃取試劑 (Cat. No. S4530, EX-WAX™ Paraffin-embedded DNA Extraction Kit)

## Speed without Compromising Performance or Sensitivity!

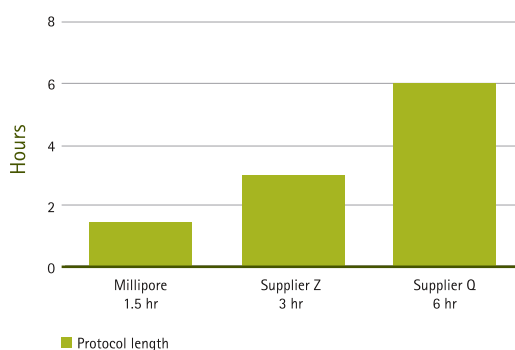


只需一半的時間  
效果一樣好！



1 ng 甲基化 DNA (#S7821) 經亞硫酸鹽處理後，利用 CpG WIZ MGMT primer (#S7803) 測 qPCR

## Fast Bisulfite Protocol



默克獨家配方  
超省時！



相較他牌，默克獨家配方試劑大幅減少作用時間

| Cat. No. | Description                               | Size         |
|----------|-------------------------------------------|--------------|
| S7847    | CpGenome Turbo Bisulfite Modification Kit | 50 Reactions |





## CpGenome Direct Prep Bisulfite Modification Kit

無須抽取 DNA 即可完成甲基化檢測

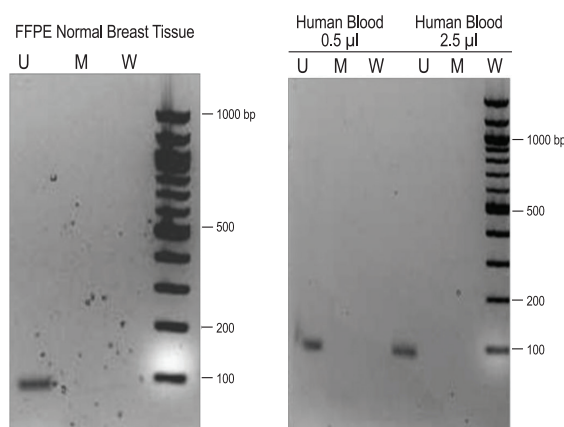
2 件 85 折

### 原理

利用 **extraction buffer** 進行樣品處理後，無須抽取 **genomic DNA**，直接進行亞硫酸鹽轉化，並於管柱內接除硫 (**In-column desulfonation**)，即可進行下游分析。

### 特點

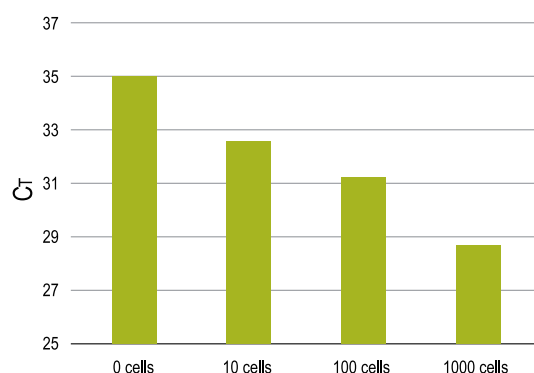
- 檢體種類多：可直接使用新鮮或冷凍組織，細胞，全血，血沉棕黃層 (**buffy coat**)，活組織 (**biopsies**)，或 **FFPE**( 福馬林固定的石蠟包埋 ) 樣品
- 超高靈敏度：**10 顆細胞或 50 ng DNA** 即可進行甲基化 **DNA** 檢測
- 高轉換率：亞硫酸鹽轉換效率 **> 99.5 %**
- 操作簡單：管柱內接除硫 (**In-column desulfonation**)，無需額外沈澱步驟，回收率高且實驗一致性高
- 應用性廣：可用於下游實驗分析，如：**methylation-specific PCR, restriction digestion, sequencing, microarray hybridization**



直接使用  
**PTFE** 組織與全液  
進行甲基化檢測



U: CpG WIZ® Unmethylated Primer  
M: CpG WIZ® Methylated Primer  
W: CpG WIZ® Wild Type Primer



高靈敏度！  
**10 顆細胞也測的到**



1 ng 甲基化 DNA (#S7821) 經  
亞硫酸鹽處理後，利用 CpG WIZ  
MGMT primer (#S7803) 測 qPCR

| Cat. No. | Description                                        | Size                                |
|----------|----------------------------------------------------|-------------------------------------|
| 17-10451 | CpGenome Direct Prep Bisulfite Modification Kit    | 50 Reactions                        |
| 17-10454 | CpGenome Direct Prep-96 Bisulfite Modification Kit | 192 reactions<br>(2x96-well plates) |

## MERCK CpG WIZ® Methylation specific PCR assay

(Methylation-specific PCR (MSP)，是一種靈敏度高且在甲基化研究中操作簡易的技術。亞硫酸鹽轉化後，使 DNA 序列轉變，因此，隨後進行的 PCR 反應中的 primer 設計是關鍵。

Merck 提供優化過後目標基因的甲基化與非甲基化引子 ( primer )、對照組 DNA 以及相對應的 PCR 條件，加快實驗流程

# 2 件 85 折

| Cat. No. | Description                                                    | Size      |
|----------|----------------------------------------------------------------|-----------|
| S7800    | CpG WIZ® p16 - Methylation specific PCR assay                  | 25 assays |
| S7801    | CpG WIZ® DAP-Kinase - Methylation specific PCR assay           | 25 assays |
| S7802    | CpG WIZ® p15 -Methylation specific PCR assay                   | 25 assays |
| S7803    | CpG WIZ® MGMT - Methylation specific PCR assay                 | 25 assays |
| S7804    | CpG WIZ® E-Cadherin Amplification Kit                          | 25 assays |
| S7805    | CpG WIZ® VHL - Methylation specific PCR assay                  | 25 assays |
| S7806    | CpG WIZ® Prader-Willi/Angelman -Methylation specific PCR assay | 25 assays |
| S7807    | CpG WIZ® Fragile X Amplification Kit                           | 25 assays |
| S7808    | CpG WIZ® GST-pi Amplification Kit                              | 25 assays |
| S7809    | CpG WIZ® SOCS1 - Methylation specific PCR assay                | 25 assays |
| S7810    | CpG WIZ® RB1 - Methylation specific PCR assay                  | 25 assays |
| S7811    | CpG WIZ® hMLH1 - Methylation specific PCR assay                | 25 assays |
| S7813    | CpG WIZ® RASSF1A Amplification Kit                             | 25 assays |
| S7814    | CpG WIZ® RAR β 2 - Methylation specific PCR assay              | 25 assays |
| S7815    | CpG WIZ® ER α - Methylation specific PCR assay                 | 25 assays |

## MERCK CpGenome™ Methylated and non-Methylated DNA

# 2 件 85 折

### DNA 甲基化對照組

| Cat. No. | Description                                                  | Size     |
|----------|--------------------------------------------------------------|----------|
| S8000    | CpGenome™ Universal Methylated Mouse DNA Standard Set        | 5 µg     |
| S8001    | CpGenome™ Human Methylated & Non-Methylated DNA Standard Set | 5 µg x 2 |
| S7821    | CpGenome Universal Methylated DNA                            | 10 µg    |
| S7822    | CpGenome Universal Unmethylated DNA                          | 10 µg    |
| S8003    | CpGenome™ 5-mC & 5-hmC Human DNA Standards                   | 5 µg x 2 |
|          | One vial of human brain DNA, 5µg                             |          |
|          | One vial of human spleen DNA, 5µg                            |          |
| S8005    | CpGenome™ 5-mC and 5-hmC DNA Standard Set                    | 2 µg x 3 |

### 同場加映

搭配 KOD 進行 Methylation-Specific PCR，有效擴增 CpG island

## MERCK KOD Hot Start DNA Polymerase

# 買 2 送 1

### 特點

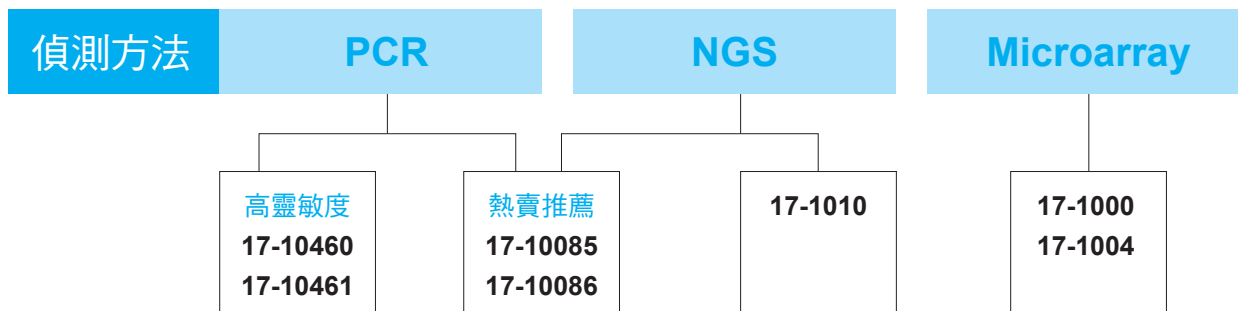
- 高產量：降低 PCR Cycle 至 25，減少錯誤產生
- 高正確率：錯誤率比 Pfu 還低
- Genomic DNA templates 可放大至 12 kbp
- Plasmid 和 lambda DNA 可放大至 21 kbp
- 適用 GC-rich：可成功放大 GC-rich(70%) 序列
- 消除 mispriming 和防止 primer-dimer 形成
- 方便於室溫操作 (Hot start)，與自動化系統相容
- 特製的 KOD Hot Start Buffer 可增進 PCR 表現
- 包含的 2mM dNTP Mix

| Cat. No.  | Description                  | Size   |
|-----------|------------------------------|--------|
| 71086-3CN | KOD Hot Start DNA Polymerase | 200 U  |
| 71086-4CN | KOD Hot Start DNA Polymerase | 1000 U |

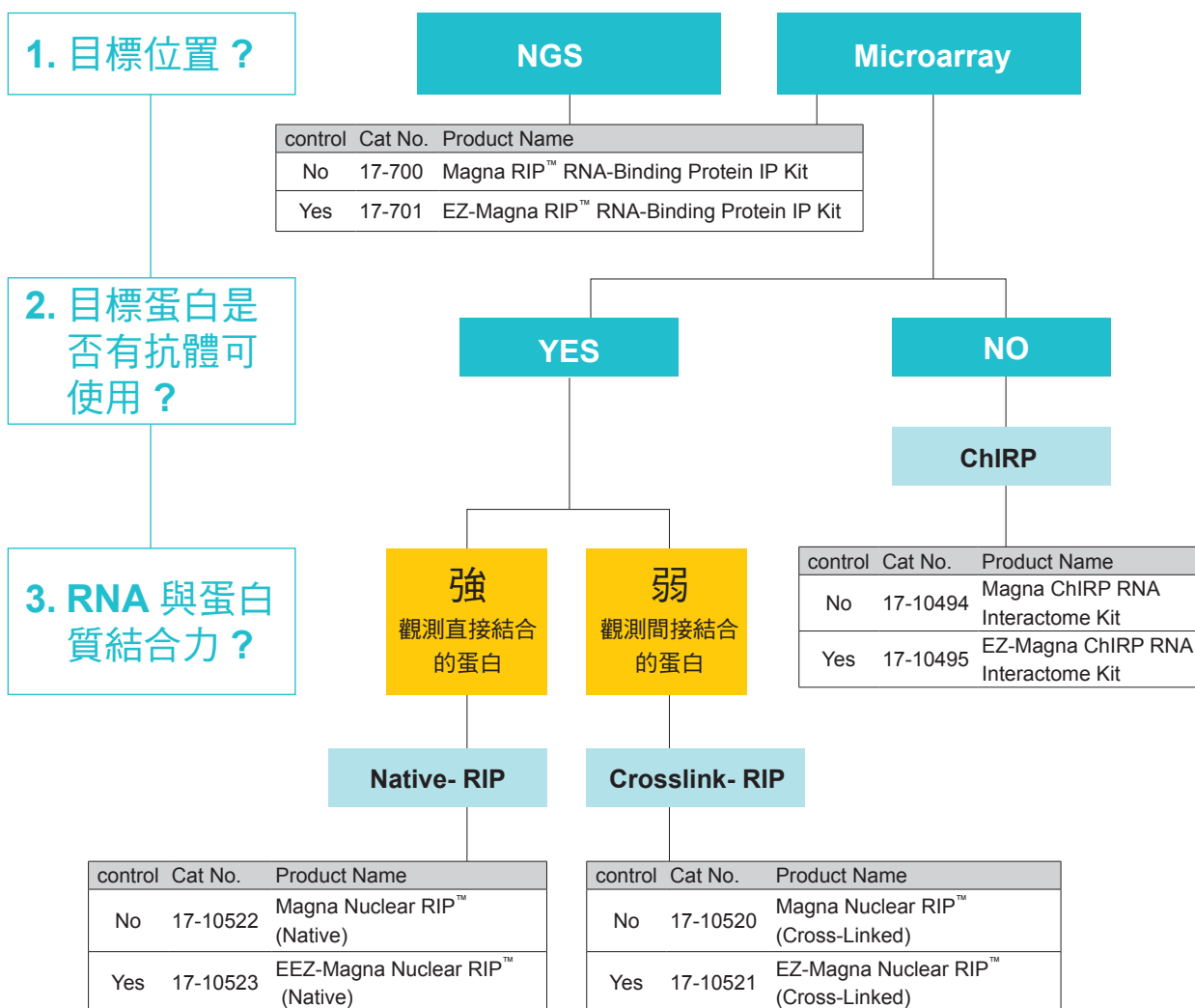
# MERCK Chromatin Immunoprecipitation (ChIP)

Chromatin-IP (ChIP) 幫你挑選最合適的 Kit !

2 件 85 折



RNA-IP (RIP) 2 件 85 折



更多完整資訊  
請掃描 QR code





抗體單支 **\$12,500**

## Histone



| Cat. No. | Description                                               | Species Reactivity                 | Key Applications           | Host | Format              | Antibody Type       |
|----------|-----------------------------------------------------------|------------------------------------|----------------------------|------|---------------------|---------------------|
| MABE71   | Anti-Histone Antibody, Pan, clone F152. C25.WJJ           | H, B                               | WB, ELISA                  | M    | Purified            | Monoclonal Antibody |
| 05-457   | Anti-Histone H1 Antibody, clone AE-4                      | H, B, PI                           | ELISA, ICC, WB             | M    | Purified            | Monoclonal Antibody |
| 07-146   | Anti-Histone H2A (acidic patch) Antibody                  | M, R, H, Ch, Yeast (S. cerevisiae) | WB, ChIP                   | Rb   | Serum               | Polyclonal Antibody |
| ABE327   | Anti-Histone H2A Antibody                                 | H, M, R                            | WB, IHC                    | Rb   | Affinity Purified   | Polyclonal Antibody |
| 07-594   | Anti-Histone H2A.Z Antibody                               | H                                  | WB                         | Rb   | Serum               | Polyclonal Antibody |
| 07-371   | Anti-Histone H2B Antibody                                 | Ch, H                              | WB                         | Rb   | Purified            | Polyclonal Antibody |
| 06-755   | Anti-Histone H3 Antibody                                  | H, R, M                            | WB, ICC, IP, ChIP          | Rb   | Affinity Purified   | Polyclonal Antibody |
| 05-1341  | Anti-Histone H3 Antibody, (Unmodified Lys4), clone CMA301 | H, Vrt                             | WB, ICC, ELISA, IP, FC, DB | M    | Affinity Purified   | Monoclonal Antibody |
| 07-596   | Anti-Histone H4 (citrulline 3) Antibody                   | H, M                               | ChIP, ICC, IH(P), WB       | Rb   | Affinity Purified   | Polyclonal Antibody |
| 07-108   | Anti-Histone H4 Antibody                                  | M, H, B, Av, Ch, Xn                | WB                         | Rb   | Purified            | Polyclonal Antibody |
| 04-858   | Anti-Histone H4 Antibody, pan, rabbit monoclonal          | Ch, H, Vrt, Yeast (S. cerevisiae)  | WB, Mplex, ChIP            | Rb   | Culture Supernatant | Monoclonal Antibody |



## Acetylated Histone



| Cat. No. | Description                             | Species Reactivity            | Key Applications  | Host | Format   | Antibody Type       |
|----------|-----------------------------------------|-------------------------------|-------------------|------|----------|---------------------|
| 07-355   | Anti-acetyl-Histone H3 (Lys23) Antibody | H, Vrt, Yeast (S. cerevisiae) | WB, DB, ChIP      | Rb   | Serum    | Polyclonal Antibody |
| 06-598   | Anti-acetyl-Histone H4 Antibody         | T, H                          | ICC, IP, WB, ChIP | Rb   | Purified | Polyclonal Antibody |
| 06-866   | Anti-acetyl-Histone H4 Antibody         | H, T, Eu                      | WB, ICC, ChIP     | Rb   | Serum    | Polyclonal Antibody |

## HDAC



| Cat. No.    | Description                    | Species Reactivity | Key Applications | Host | Format            | Antibody Type       |
|-------------|--------------------------------|--------------------|------------------|------|-------------------|---------------------|
| 05-814-25UG | Anti-HDAC2 Antibody, clone 3F3 | H, B, M, R, Ht     | ICC, IP, WB      | M    | Purified          | Monoclonal Antibody |
| 05-814      | Anti-HDAC2 Antibody, clone 3F3 | H, B, M, R, Ht     | ICC, IP, WB      | M    | Purified          | Monoclonal Antibody |
| 05-813      | Anti-HDAC3 Antibody, clone 3G6 | B, H, Ht, M        | IP, WB, ICC      | M    | Purified          | Monoclonal Antibody |
| 07-732      | Anti-HDAC6 Antibody, CT        | H, M               | IP, WB           | Rb   | Purified          | Polyclonal Antibody |
| 09-827      | Anti-HDAC11 Antibody           | H, M, R            | WB               | Rb   | Affinity Purified | Polyclonal Antibody |

## Methylated Histone



| Cat. No. | Description                                 | Species Reactivity | Key Applications        | Host | Format   | Antibody Type |
|----------|---------------------------------------------|--------------------|-------------------------|------|----------|---------------|
| 07-449   | Anti-trimethyl-Histone H3 (Lys27) Antibody  | H, M               | ICC, IP, Mplex, WB, IHC | Rb   | Purified | Polyclonal    |
| 07-448   | Anti-monomethyl-Histone H3 (Lys27) Antibody | H, Vrt             | DB, ICC, WB, ChIP-seq   | Rb   | Purified | Antibody      |

## Phosphorylated Histone

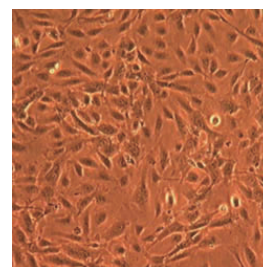


| Cat. No.     | Description                                                                  | Species Reactivity | Key Applications                       | Host | Format              | Antibody Type       |
|--------------|------------------------------------------------------------------------------|--------------------|----------------------------------------|------|---------------------|---------------------|
| 05-636-AF647 | Anti-phospho Histone H2A.X (Ser139) Antibody, clone JBW301, Alexa Fluor® 647 | H                  | ICC                                    | M    | AlexaFluor®647      | Monoclonal Antibody |
| 06-597       | Anti-phospho-Histone H1 Antibody                                             | B, H               | ICC, WB                                | Rb   | Purified            | Polyclonal Antibody |
| 05-636       | Anti-phospho-Histone H2A.X (Ser139) Antibody, clone JBW301                   | Vrt                | ICC, IF, WB, ChIP, IHC                 | M    | Purified            | Monoclonal Antibody |
| 16-202A      | Anti-phospho-Histone H2A.X (Ser139) Antibody, clone JBW301, FITC conjugate   | H                  | FC, ICC                                | M    | FITC                | Monoclonal Antibody |
| 05-806       | Anti-phospho-Histone H3 (Ser10) Antibody, clone 3H10                         | H                  | FC, ICC, IF, PIA, WB, Mplex            | M    | Purified            | Monoclonal Antibody |
| 04-817       | Anti-phospho-Histone H3 (Ser10) Antibody, clone MC463, rabbit monoclonal     | H                  | IF, WB, ICC, ChIP-seq, DB, Mplex, ChIP | Rb   | Culture Supernatant | Monoclonal Antibody |
| 06-570       | Anti-phospho-Histone H3 (Ser10) Antibody, Mitosis Marker                     | M, H               | ICC, IP, WB                            | Rb   | Purified            | Polyclonal Antibody |
| 07-145       | Anti-phospho-Histone H3 (Ser28) Antibody                                     | H, M               | WB, ICC, DB, PIA, ChIP                 | Rb   | Affinity Purified   | Polyclonal Antibody |
| 09-797       | Anti-phospho-Histone H3(Ser10) Antibody                                      | H                  | WB, ELISA, IHC                         | Rb   | Purified            | Polyclonal Antibody |



# Lonza 臍靜脈內皮細胞 HUVEC (Human Umbilical Vein Endothelial Cells)

- 細胞代數：P1
- 可繼代 15 population doublings
- Express CD31/105, von Williebrand Factor VIII, and are positive for acetylated
- Low density lipoprotein uptake
- 不需額外 coating ECM
- 提供多種類 HUVEC
- 搭配專屬培養液 ( 內含所需生長因子，不需額外添加 )



Cat No: C2519A

單購細胞 **8** 折

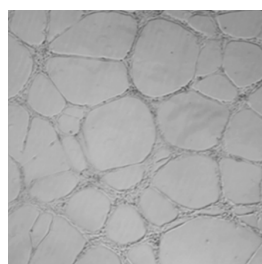
細胞 + 培養液 **7** 折

各家比較表

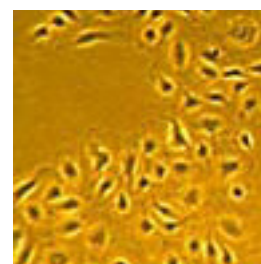
|                     | LONZA             | A company         | B company         |
|---------------------|-------------------|-------------------|-------------------|
| 捐贈者來源               | single and pooled | x                 | single            |
| 細胞數                 | $> 5 \times 10^5$ | $> 5 \times 10^5$ | $> 5 \times 10^5$ |
| 代數                  | 1st passage       | 1st passage       | 2nd passage       |
| population doubling | 15                | 15                | x                 |
| 生長速度                | 快                 | 快                 | x                 |
| 是否需要額外 coating      | NO                | YES               | YES               |

## Lonza EGM™- Plus Media

- 不含 VEGF
- Faster proliferation rates
- 較彈性：可依據實驗需求添加 supplements



HUVEC isolated in EGM™-Plus Growth Medium



Tube formation of HUVEC plated at 50,000 cells per well of a Matrigel® coated, 48-well plate in Lonza EGM™-2 Medium after 16 hours in culture at 5X magnification.

單購培養液 **8** 折

細胞 + 培養液 **7** 折

| Cat. No.              | Name                                                                                 | Package                        |
|-----------------------|--------------------------------------------------------------------------------------|--------------------------------|
| C-2519A (cell)        | HUVEC - Human Umbilical Vein Endothelial Cells, Pooled Donor ( 另有 Single Donor 可選購 ) | $\geq 5 \times 10^5$ cells/amp |
| +<br>CC-3162 (medium) | EGM-2 endothelial cell growth medium-2 BulletKit (CC-3156+CC-4176)                   | 500ml                          |
| CC-2517 (cell)        | HUVEC – Human Umbilical Vein Endothelial Cells, Single Donor ( 另有 Pooled Donor 可選購 ) | $\geq 5 \times 10^5$ cells/amp |
| +<br>CC-3124 (medium) | EGM Endothelial Cell Growth Medium BulletKit (CC-3121+CC-4133)                       | 500ml                          |

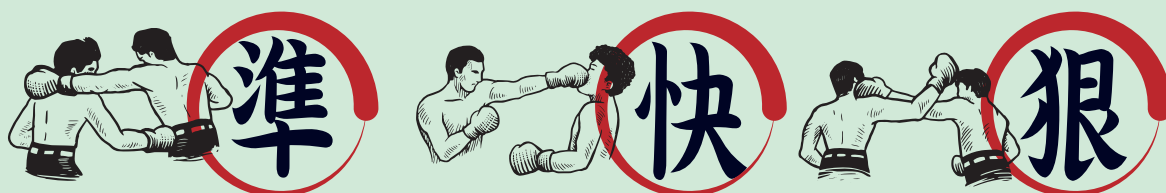
黴漿菌檢測

單購黴菌檢測試劑 **8** 折 黴菌檢測試劑 + 抗生素 **7** 折

## Lonza MycoAlert™ Mycoplasma Detection Kit

- 快速：20 分鐘內，即可完成檢驗
- 方便：只需加入兩瓶試劑，偵測兩次冷光
- 高靈敏度，無偽陰性問題
- 偵測範圍廣：能有效偵測到常見的黴漿菌汙染 (包括 *Acholeplasma* 及 *Mycoplasma*)
- 高準確性：與一般培養基檢測結果一致

| Cat. No. | Name                                | Package   |
|----------|-------------------------------------|-----------|
| LT07-118 | MycoAlert™ Mycoplasma Detection Kit | 10 Tests  |
| LT07-218 |                                     | 25 Tests  |
| LT07-318 |                                     | 100 Tests |
| LT07-418 |                                     | 50 Tests  |
| LT07-518 | MycoAlert™ Assay Control Set        | 10 Tests  |



抗生素專區

抗生素買 **4** 送 **1**

## Lonza MycoZap™ Antibiotics

使用  
方便

溫和  
不傷細胞

黴漿菌污染

細菌污染

**細胞污染**

酵母菌污染

黴菌污染



細菌 + 真菌 + 黴漿菌感染

四合一抗生素



黴漿菌感染

專一性抗生素

四合一抗生素

| Cat. No. | Name                            | Package   |
|----------|---------------------------------|-----------|
| VZA-2011 | MycoZap™ Plus-CL (Cell line)    | 10 × 1 mL |
| VZA-2012 |                                 | 1 × 20 mL |
| VZA-2021 | MycoZap™ Plus-PR (Primary cell) | 10 × 1 mL |
| VZA-2022 |                                 | 1 × 20 mL |

專一性抗生素

| Cat. No. | Name                       | Package   |
|----------|----------------------------|-----------|
| VZA-2031 | MycoZap™ Plus-Prophylactic | 10 × 1 mL |
| VZA-2032 |                            | 1 × 20 mL |

## gelONE 單機觸控操作型電泳膠片影像系統

- 500 萬畫素相機
- 電動變焦光學鏡頭
- 內建影像擷取程式，單機觸控螢幕操作與列印
- 全自動調整曝光時間
- 抽屜型可拉出之紫外光燈箱
- 安全裝置 - 曝光結束後紫外光燈立即自動關閉

買就送



## gelLITE 經濟實用型電泳膠片影像系統

- 500 萬畫素相機
- 手動微調變焦光學鏡頭
- 引導式自動影像擷取功能
- 抽屜型可拉出之紫外光燈箱
- 滑軌式側開外門，減少前方使用空間
- 安全裝置 - 外門開啟時紫外光燈立即自動關閉
- 外接電腦操作

買就送

買就送

miniONE 迷你水平電泳槽組一組 + LONZA SeaKem® LE agarose 一瓶

100g/#50002

## miniONE 迷你水平電泳槽組

- All-in-one 全配組合 - 包含製膠臺 2 組 (2 大 + 4 小)，雙面齒梳 12/22 & 5/9 各 2 支
- 內建電源供應組，35V，50V 與 100V 可選用
- 0 - 99 分鐘定時功能
- 膠體大小 11 x 6 cm & 5.4 x 6cm
- 電泳緩衝液用量更省 (只需 230ml)

買就送



原價 \$14,900

買就送

買就送 LONZA SeaKem® LE agarose 一瓶 100g

100g/#50002

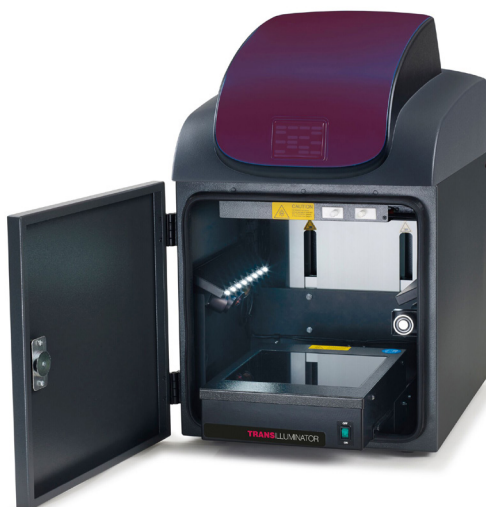




### chemiLITE 經濟型冷光影像系統

- 500 萬畫素相機
- F0.95 大光圈電動定焦光學鏡頭
- 1-click 全自動曝光與連續拍照
- 輕巧機型，不多佔空間

買就送



### chemiPRO XS 多功能冷光影像系統

- 910 萬 / 600 萬畫素相機
- F0.95 大光圈電動定焦光學鏡頭
- 1-click 全自動曝光與連續拍照
- 自動升降樣本台，小面積樣本能更接近鏡頭
- 可選配紫外光燈箱，多色螢光 LED 模組

買就送

### omniPAGE 迷你直立電泳槽組或 10x10 cm 半乾式轉印槽 (2 選 1)

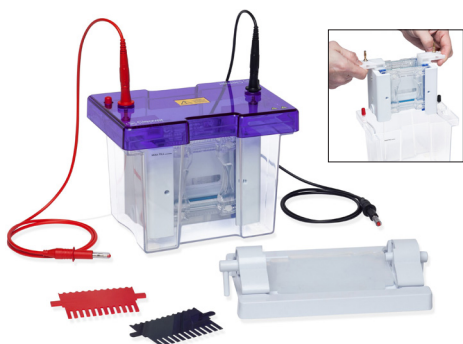
**A**

#### omniPAGE 迷你直立電泳槽組

- 製膠與跑膠同模組，不需移動膠片
- 可跑 4 片迷你電泳膠
- 可選配轉印模組，即可成為轉印槽

全配組 -1.0mm, 12-well

原價 **\$21,800**



**B**

#### 300V 電源供應器

- 輸出：300V, 700mA, 150W
- 輸出接頭：5 組
- 定時設定 1~999 mins
- 輸出模式：固定電壓或電流，可程式 Step 輸出

原價 **\$20,000**



**C**

#### 半乾式轉印槽

- 轉印面積 10x10cm & 20x20cm
- 蛋白質及核酸轉印均適用
- 膠片厚度可 0.25 ~ 10 mm
- 螺旋螺絲固定電極板，電流均勻

SD10 原價 **\$18,000**

SD20 原價 **\$36,000**



**A B C** 任選 2 者合購，享 **75 折優惠！**

更多影像系統規格與電泳設備資訊，請速洽當區業務





Dr. Yamanaka 也愛用喔！

Nature SCIENTIFIC REPORTS | 4 : 3594 | DOI: 10.1038/srep03594

**FDA**  
Master Files

不需液態氮保存桶

**-80°C**  
**OK!**

不需配置

**一瓶**  
**OK**

不需稀釋

**Ready**  
**to use**

唯一實際測試

存活率 **>90%**  
**>10年**

**GMP**  
品質保證

日本最暢銷  
市佔率  
**80%以上**

不損害 DNA / RNA  
維持完整功能性

成分採用  
**歐美日藥典等級**

全系列 買 **5** 送 **1**



新成員

### 如何選擇 Cell Banker Products Line

| Basic Research                       | Cell Therapy                              | Cell / Tissue Bank                  |
|--------------------------------------|-------------------------------------------|-------------------------------------|
| 經典不敗款<br><b>Cell Banker 1 (含血清)</b>  | 高貴不貴款<br><b>Stem Cellbanker</b>           | 經典不敗款<br><b>Cell Banker 1 (含血清)</b> |
| 經典改良款<br><b>Cell Banker 2 (不含血清)</b> | 特殊改良款<br><b>Stem Cellbanker DMSO free</b> | 高貴不貴款<br><b>Stem Cellbanker</b>     |
| 高貴不貴款<br><b>Stem Cellbanker</b>      | 特殊專用款<br><b>HSC Stem Cellbanker</b>       | 特殊專用款<br><b>HSC Stem Cellbanker</b> |

| Grade     | Cat No.              | Description                     | Qty/Pack |
|-----------|----------------------|---------------------------------|----------|
| RUO       | CELLBANKER 1 100ML   | 60% 血清細胞冷凍保存液                   | 100 ml   |
|           | CELLBANKER 1 20ML    |                                 | 20 ml    |
|           | CELLBANKER 2 100ML   | 無血清細胞冷凍保存液                      | 100 ml   |
|           | CELLBANKER 2 20ML    |                                 | 20 ml    |
| PIC/S GMP | CELLBANKER STEM-CELL | Stem cells 專用細胞冷凍保存液            | 100ml    |
|           | CELLBANKER STEM-CELL |                                 | 20 ml    |
|           | CELLBANKER STEM-DF   | Stem cells 專用 DMSO Free 細胞冷凍保存液 | 20 ml    |
|           | HSC Banker           | HSC 細胞冷凍保存液                     | 15 ml    |
| RUO       | CELLOTION            | 高回收率細胞緩衝清洗液                     | 100 ml   |

| 貨號        | 產品                                                 | 包裝                 | 型式                                                                                    |
|-----------|----------------------------------------------------|--------------------|---------------------------------------------------------------------------------------|
| R1100-50  | DNA/RNA Shield                                     | 50 ml              |    |
| R1100-250 |                                                    | 250 ml             |                                                                                       |
| R1200-25  | DNA/RNA Shield (2X Concentrate)                    | 25 ml              |                                                                                       |
| R1200-125 |                                                    | 125 ml             |                                                                                       |
| R1102     | DNA/RNA Shield™ - Collection Tube (1ml fill)       | 50 pack            |                                                                                       |
| R1101     | DNA/RNA Shield™ - Fecal Collection Tube            | 10 pack            |    |
| R1150     | DNA/RNA Shield™ - Blood Collection Tube            | 50 pack            |    |
| D3062     | Urine Collection Kit                               | 10 Pack            |   |
| R1106     | DNA/RNA Shield™ Collection Tube w/ Swab (1ml fill) | 10 pack            |  |
| R1107     |                                                    | 50 pack            |                                                                                       |
| R1105     | DNA/RNA Shield™ Lysis Tube (Tissue)                | 50 pack            |  |
| R1104     | DNA/RNA Shield™ Lysis Tube w/ Swab (Microbe)       | 10 pack            |                                                                                       |
| R1103     | DNA/RNA Shield™ Lysis Tube (Microbe)               | 50 pack            |                                                                                       |
| R1210     | DNA/RNA Shield Saliva Collection Kit               | 1 x 2 ml fill      |  |
| 218975    | CELL-FREE RNA BCT                                  | 6-Tube Pack (RUO)  |  |
| 218976    |                                                    | 100-Tube Box (RUO) |                                                                                       |

| Exosome standard              |                                                                                            |                     |
|-------------------------------|--------------------------------------------------------------------------------------------|---------------------|
| 貨號                            | 產品                                                                                         | 包裝                  |
| 樣本來源：健康捐贈者的體液 ( 血清、血漿、唾液、尿液 ) |                                                                                            |                     |
| HBM-PEP-100                   | Lyophilized Exosome from Human Plasma of healthy donors                                    | 100 µg (2, 5 vials) |
| HBM-PEP-30                    |                                                                                            | 30 µg (2, 5 vials)  |
| HBM-PES-100                   | Lyophilized Exosome from Human Serum of healthy donors                                     | 100 µg (2, 5 vials) |
| HBM-PES-30                    |                                                                                            | 30 µg (2, 5 vials)  |
| HBM-PEU-100                   | Lyophilized Exosome from Human Urine of healthy donors                                     | 100 µg (2, 5 vials) |
| HBM-PEU-30                    |                                                                                            | 30 µg (2, 5 vials)  |
| HBM-PESL-100                  | Lyophilized Exosome from Human Saliva of healthy donors                                    | 100 µg (2, 5 vials) |
| HBM-PESL-30                   |                                                                                            | 30 µg (2, 5 vials)  |
| 樣本來源：細胞培養液                    |                                                                                            |                     |
| HBM-COLO-100                  | Lyophilized Exosomes from COLO1 cell line (Human colon carcinoma)                          | 100 µg (2, 5 vials) |
| HBM-COLO-30                   |                                                                                            | 30 µg (2, 5 vials)  |
| HBM-MM1-100                   | Lyophilized Exosomes from MM1 cell line (Human melanoma)                                   | 100 µg (2, 5 vials) |
| HBM-MM1-30                    |                                                                                            | 30 µg (2, 5 vials)  |
| HBM-BLCL-100                  | Lyophilized Exosomes from BLCL21 cell line (EBV transformed lymphoblastoid B cells)        | 100 µg (2, 5 vials) |
| HBM-BLCL-30                   |                                                                                            | 30 µg (2, 5 vials)  |
| HBM-U87-100                   | Lyophilized Exosomes from U87 MG cell line (Human glioblastoma astrocytoma)                | 100 µg (2, 5 vials) |
| HBM-U87-30                    |                                                                                            | 30 µg (2, 5 vials)  |
| HBM-SK-100                    | Lyophilized Exosomes from SK-N-SH cell line (Human neuroblastoma)                          | 100 µg (2, 5 vials) |
| HBM-SK-30                     |                                                                                            | 30 µg (2, 5 vials)  |
| HBM-HCT-100                   | Lyophilized Exosomes from HCT116 cell line (Human colon carcinoma)                         | 100 µg (2, 5 vials) |
| HBM-HCT-30                    |                                                                                            | 30 µg (2, 5 vials)  |
| HBM-PC3-100                   | Lyophilized Exosomes from PC3 cell line (Human Prostate adenocarcinoma grade IV)           | 100 µg (2, 5 vials) |
| HBM-PC3-30                    |                                                                                            | 30 µg (2, 5 vials)  |
| HBM-BPH-100                   | Lyophilized Exosomes from BPH-1 cell line (Human being prostatic hyperplasia)              | 100 µg (2, 5 vials) |
| HBM-BPH-30                    |                                                                                            | 30 µg (2, 5 vials)  |
| HBM-DAUDI-100                 | Lyophilized Exosomes from DAUDI cell line (Human Burkitt Lymphoma)                         | 100 µg (2, 5 vials) |
| HBM-DAUDI-30                  |                                                                                            | 30 µg (2, 5 vials)  |
| HBM-A549-100                  | Lyophilized Exosomes from A549 cell line (Lung carcinoma)                                  | 100 µg (2, 5 vials) |
| HBM-A549-30                   |                                                                                            | 30 µg (2, 5 vials)  |
| HBM-K562-100                  | Lyophilized Exosomes from K-562 cell line (Pleural effusion, leukemia chronic myelogenous) | 100 µg (2, 5 vials) |
| HBM-K562-30                   |                                                                                            | 30 µg (2, 5 vials)  |
| HBM-B16-100                   | Lyophilized Exosomes from B16F10 mouse cell line (mouse melanoma cell line)                | 100 µg (2, 5 vials) |
| HBM-B16-30                    |                                                                                            | 30 µg (2, 5 vials)  |
| HBM-MSC-100                   | Lyophilized Exosomes from MSC (Adipose tissue)                                             | 100 µg (2, 5 vials) |

| Microvesicles standard |                                                                                                 |                 |
|------------------------|-------------------------------------------------------------------------------------------------|-----------------|
| 貨號                     | 產品                                                                                              | 包裝              |
| 樣本來源：細胞培養液             |                                                                                                 |                 |
| HBM-mvCOLO-50          | Lyophilized Microvesicles from COLO1 cell line (Human colon carcinoma)                          | 50 µg (1 vials) |
| HBM-mvMM1-50           | Lyophilized Microvesicles from MM1 cell line (Human melanoma)                                   | 50 µg (1 vials) |
| HBM-mvBLCL-50          | Lyophilized Microvesicles from BLCL21 cell line (EBV transformed lymphoblastoid B cells)        | 50 µg (1 vials) |
| HBM-mvU87-50           | Lyophilized Microvesicles from U87 MG cell line (Human glioblastoma astrocytoma)                | 50 µg (1 vials) |
| HBM-mvSK-50            | Lyophilized Microvesicles from SK-N-SH cell line (Human neuroblastoma)                          | 50 µg (1 vials) |
| HBM-mvHCT-50           | Lyophilized Microvesicles from HCT116 cell line (Human colon carcinoma)                         | 50 µg (1 vials) |
| HBM-mvPC3-50           | Lyophilized Microvesicles from PC3 cell line (Human Prostate adenocarcinoma grade IV)           | 50 µg (1 vials) |
| HBM-mvBPH-50           | Lyophilized Microvesicles from BPH-1 cell line (Human being prostatic hyperplasia)              | 50 µg (1 vials) |
| HBM-mvDAUDI-50         | Lyophilized Microvesicles from DAUDI cell line (Human Burkitt Lymphoma)                         | 50 µg (1 vials) |
| HBM-mvA549-50          | Lyophilized Microvesicles from A549 cell line (Lung carcinoma)                                  | 50 µg (1 vials) |
| HBM-mvK562-50          | Lyophilized Microvesicles from K-562 cell line (Pleural effusion, leukemia chronic myelogenous) | 50 µg (1 vials) |
| HBM-mvB16-50           | Lyophilized Microvesicles from B16F10 mouse cell line (mouse melanoma cell line)                | 50 µg (1 vials) |
| HBM-mvHEK293-50        | Lyophilized Microvesicles from HEK293 cell line (Human embryonic kidney )                       | 50 µg (1 vials) |
| HBM-mvMSC-50           | Lyophilized Microvesicles from MSC (Adipose tissue)                                             | 50 µg (1 vials) |

| Total RNA extraction                                                 |                              |            |             |                                                                   |
|----------------------------------------------------------------------|------------------------------|------------|-------------|-------------------------------------------------------------------|
| 貨號                                                                   | 產品                           | 包裝         | TRI reagent | 說明                                                                |
| 樣本來源：經 <b>TRIzol</b> 或 <b>TRI reagent</b> 保存的樣本，不需要繁鎖的步驟，例：水層分離、酒精沉澱 |                              |            |             |                                                                   |
| R2060                                                                | Direct-zol RNA Microprep     | 50 Preps   | -           | 可用樣本量 $\leq 1 \times 10^6$ Cells, $\leq 5$ mg Tissue              |
| R2062                                                                |                              | 200 Preps  | -           |                                                                   |
| R2061                                                                |                              | 50 Preps   | +           |                                                                   |
| R2063                                                                |                              | 200 Preps  | +           |                                                                   |
| R2050                                                                | Direct-zol RNA Miniprep      | 50 Preps   | -           | 可用樣本量 $\leq 5 \times 10^6$ Cells, $\leq 25$ mg Tissue             |
| R2052                                                                |                              | 200 Preps  | -           |                                                                   |
| R2051                                                                |                              | 50 Preps   | +           |                                                                   |
| R2053                                                                |                              | 200 Preps  | +           |                                                                   |
| R2070                                                                | Direct-zol RNA Miniprep Plus | 50 Preps   | -           | 可用樣本量 $\leq 1 \times 10^7$ Cells, $\leq 50$ mg Tissue             |
| R2072                                                                |                              | 200 Preps  | -           |                                                                   |
| R2071                                                                |                              | 50 Preps   | +           |                                                                   |
| R2073                                                                |                              | 200 Preps  | +           |                                                                   |
| R2100                                                                | Direct-zol-96 MagBead RNA    | 2x96 preps | -           | 適用於自動化機器，<br>可用樣本量 $\leq 1 \times 10^6$ Cells, $\leq 5$ mg Tissue |
| R2102                                                                |                              | 4x96 preps | -           |                                                                   |
| R2104                                                                |                              | 8x96 preps | -           |                                                                   |
| R2101                                                                |                              | 2x96 preps | +           |                                                                   |
| R2103                                                                |                              | 4x96 preps | +           |                                                                   |
| R2105                                                                |                              | 8x96 preps | +           |                                                                   |

| Total RNA extraction                                |                                            |           |                                                         |
|-----------------------------------------------------|--------------------------------------------|-----------|---------------------------------------------------------|
| 貨號                                                  | 產品                                         | 包裝        | 說明                                                      |
| 樣本來源：細胞、組織、全血，可另外分離大片段 (>200nt) 及小片段 (<200nt) 的 RNA |                                            |           |                                                         |
| R1050                                               | Quick-RNA™ MicroPrep Kit                   | 50 Preps  | 可用樣本量 ≤ 1x10 <sup>6</sup> Cells , ≤ 5 mg Tissue         |
| R1051                                               |                                            | 200 Preps |                                                         |
| R1054                                               | Quick-RNA™ MiniPrep Kit                    | 50 Preps  | 可用樣本量 ≤ 1x10 <sup>7</sup> Cells, ≤ 50 mg Tissue         |
| R1055                                               |                                            | 200 Preps |                                                         |
| R1057                                               | Quick-RNA™ MiniPrep Plus Kit               | 50 Preps  | 可用樣本量 ≤ 1x10 <sup>7</sup> Cells, ≤ 50 mg Tissue         |
| R1058                                               |                                            | 200 Preps |                                                         |
| R1056                                               | Quick-RNA™ MidiPrep Kit                    | 25 Preps  | 可用樣本量 ≤ 1x10 <sup>8</sup> Cells , ≤ 50 mg Tissue        |
| 樣本來源：環境樣本，例如：糞便、土壤、植物、昆蟲。不必擔心 PCR inhibitor 干擾      |                                            |           |                                                         |
| R2010                                               | Quick-RNA Fungal/Bacterial Microprep Kit   | 50 Preps  | 可用樣本量 10-20 mg (wet weight) fungi or bacteria           |
| R2014                                               | Quick-RNA Fungal/Bacterial Miniprep Kit    | 50 Preps  | 可用樣本量 50-100 mg (wet weight) fungi or bacteria          |
| R2024                                               | Quick-RNA Plant Miniprep Kit               | 50 Preps  | 可用樣本量 150 mg Leaves, stems, buds, flowers, fruit, seeds |
| R2030                                               | Quick-RNA Tissue/Insect Microprep Kit      | 50 Preps  | 可用樣本量 10 mg insect                                      |
| R2040                                               | Quick-RNA Fecal/Soil Microbe Microprep Kit | 50 Preps  | 可用樣本量 250 mg soil, feces                                |

| Cell free-RNA extraction      |                                      |          |                                                                         |
|-------------------------------|--------------------------------------|----------|-------------------------------------------------------------------------|
| 貨號                            | 產品                                   | 包裝       | 說明                                                                      |
| 樣本來源：大體積的 <b>cell free</b> 體液 |                                      |          |                                                                         |
| R1059                         | Quick-cfRNA Serum & Plasma Kit       | 50 Preps | 可用樣本量 3 ml of plasma, serum, other biofluid                             |
| R1072                         | Quick-cfDNA/cfRNA Serum & Plasma Kit | 50 Preps | 可用樣本量 3 ml of plasma, serum, other biofluid , cell free-DNA 和 RNA 皆可萃取。 |

| RNA purification and Clean |                              |           |       |                                         |
|----------------------------|------------------------------|-----------|-------|-----------------------------------------|
| 貨號                         | 產品                           | 包裝        | DNase | 說明                                      |
| R1013                      | RNA Clean & Concentrator-5   | 50 Preps  | +     | 可回收 10 $\mu$ g RNA, 最小回溶體積 6 $\mu$ l    |
| R1014                      |                              | 200 Preps | +     |                                         |
| R1015                      |                              | 50 Preps  | -     |                                         |
| R1016                      |                              | 200 Preps | -     |                                         |
| R1017                      | RNA Clean & Concentrator-25  | 50 Preps  | -     | 可回收 50 $\mu$ g RNA, 最小回溶體積 25 $\mu$ l   |
| R1018                      |                              | 100 Preps | -     |                                         |
| R1019                      | RNA Clean & Concentrator-100 | 25 Preps  | -     | 可回收 250 $\mu$ g RNA, 最小回溶體積 100 $\mu$ l |

| Cat. No.  | Product                                                            | Size         | Exosome isolation   | RNA purification | cDNA synthesis | qPCR profiling assay |
|-----------|--------------------------------------------------------------------|--------------|---------------------|------------------|----------------|----------------------|
| RA800A-1  | SeraMir Exosome RNA Amplification Kit                              | 20 reactions | √<br>(ExoQuick®)    | √                | √              |                      |
| RA800TC-1 |                                                                    | 10 reactions | √<br>(ExoQuick® TC) | √                | √              |                      |
| RA806A-1  | SeraMir Exosome RNA Purification kit                               | 20 preps     | √<br>(ExoQuick®)    | √                |                |                      |
| RA806TC-1 |                                                                    | 10 preps     | √<br>(ExoQuick® TC) | √                |                |                      |
| RA808A-1  | SeraMir Exosome RNA Purification Column kit                        | 20 preps     |                     | √                |                |                      |
| RA810A-1  | SeraMir Exosome RNA 384 microRNA qPCR Profiler Assay Set           | 20 profiles  |                     |                  |                | √<br>(Human)         |
| RA811A-1  | Mouse SeraMir Exosome RNA 384 microRNA qPCR Profiler Assay Set     | 20 profiles  |                     |                  |                | √<br>(Mouse)         |
| RA812A-1  | Rat SeraMir Exosome RNA 384 microRNA qPCR Profiler Assay Set       | 20 profiles  |                     |                  |                | √<br>(Rat)           |
| RA820A-1  | Human Complete SeraMir Exosome RNA Amplification and Profiling Kit | 20 profiles  | √<br>(ExoQuick®)    | √                | √              | √<br>(Human)         |
| RA820TC-1 |                                                                    |              | √<br>(ExoQuick® TC) | √                | √              | √<br>(Human)         |
| RA821A-1  | Mouse Complete SeraMir Exosome RNA Amplification and Profiling Kit | 20 profiles  | √<br>(ExoQuick®)    | √                | √              | √<br>(Mouse)         |
| RA821TC-1 |                                                                    |              | √<br>(ExoQuick® TC) | √                | √              | √<br>(Mouse)         |
| RA822A-1  | Rat Complete SeraMir Exosome RNA Amplification and Profiling Kit   | 20 profiles  | √<br>(ExoQuick®)    | √                | √              | √<br>(Rat)           |
| RA822TC-1 |                                                                    |              | √<br>(ExoQuick® TC) | √                | √              | √<br>(Rat)           |



## 老化、腎臟炎、高血壓 相關產品 7 折

| 貨號    | 產品                                               | 包裝      | Measurement Range   | Measuring Samples                                                                        | 說明                                                         |
|-------|--------------------------------------------------|---------|---------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------|
| 27998 | Human soluble $\alpha$ -Klotho Assay Kit - IBL   | 96 Well | 93.75 – 6,000 pg/mL | Serum, EDTA-Plasma, Heparinized plasma, Citrated Plasma, Urine, Cell culture Supernatant | $\alpha$ -Klotho 為老化相關因子，研究發現 $\alpha$ -Klotho 越多，身體年齡就越年輕 |
| 27600 | Gd-IgA1 (Galactose-deficient IgA1) Assay Kit-IBL | 96 Well | 1.56 ~ 100 ng/mL    | Human Serum and EDTA-Plasma                                                              | IgA Nephropathy (IgAN) 的病人血中會有 Gd-IgA1 大量沉積                |
| 27742 | Human Intact Angiotensinogen Assay Kit - IBL     | 96 Well | 0.28 - 18 ng/mL     | Human Serum and EDTA-Plasma, Urine                                                       | Angiotensin II 是使血壓升高的其中一個因子                               |
| 27412 | Human Total Angiotensinogen Assay Kit - IBL      | 96 Well | 0.31 - 20 ng/mL     | Human Serum and EDTA-Plasma, Urine, Cell culture Supernatant                             |                                                            |





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# 合成 oligo 的專家

掌控原料生產技術  
原料來源穩定

高純度  
提供 HPLC 純化後之數據

ISO  
9001  
認證

高通量合成  
降低批次間差異

提供 primer 及 probe  
設計軟體

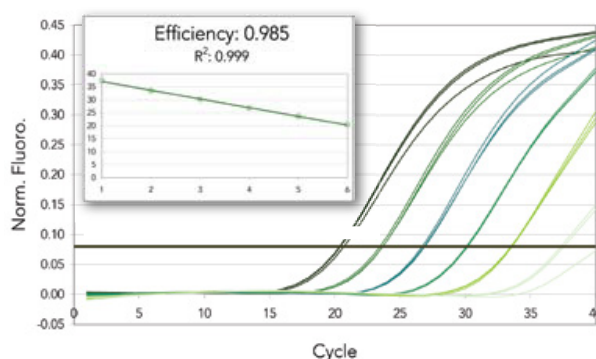
| FLUOROPHORE          | ALTERNATE DYES                 | DYE-5'-T <sub>10</sub> | RECOMMENDED QUENCHER |
|----------------------|--------------------------------|------------------------|----------------------|
| EX                   | EM                             |                        |                      |
| Biosearch Blue™      |                                | 352 447                | BHQ-1                |
| FAM                  |                                | 495 520                | BHQ-1                |
| TET                  |                                | 521 536                | BHQ-1                |
| CAL Fluor® Gold 540  | VIC/TET/JOE                    | 522 544                | BHQ-1                |
| JOE                  |                                | 529 555                | BHQ-1                |
| VIC                  |                                | 538 554                |                      |
| HEX                  |                                | 535 556                | BHQ-1                |
| CAL Fluor Orange 560 | VIC/HEX/JOE                    | 538 559                | BHQ-1                |
| Quasar® 570          | CY3                            | 548 566                | BHQ-2                |
| Cy™ 3                |                                | 549 566                |                      |
| NED                  |                                | 546 575                |                      |
| TAMRA                |                                | 557 583                | BHQ-2                |
| CAL Fluor Red 590    | TAMRA                          | 569 591                | BHQ-2                |
| Cy 3.5               |                                | 581 596                |                      |
| ROX                  |                                | 586 610                | BHQ-2                |
| CAL Fluor Red 610    | TEXAS RED/ROX/ALEXA FLUOR® 594 | 590 610                | BHQ-2                |
| Texas Red®           |                                | 597 616                |                      |
| CAL Fluor Red 635    | LC RED® 640                    | 618 637                | BHQ-2                |
| Pulsar® 650          |                                | 460 650                | BHQ-2                |
| Cy 5                 |                                | 646 669                |                      |
| Quasar 670           | CY5                            | 647 670                | BHQ-2*, BHQ-3        |
| Cy 5.5               |                                | 675 694                |                      |
| Quasar 705           | CY5.5                          | 690 705                | BHQ-2*, BHQ-3        |

表示為 Biosearch 的專利產品，粗體字則為 Biosearch 有提供的 dye。

## BHQ Quencher

- 不發螢光
- 不影響原有熱循環設定
- 不限定 real-time PCR 機型
- 可提高 S:N ratio
- 可搭配各種 report dye
- 適合 multiplexing 分析

Amplifications detected using a ValuProbe BHQ Probe



an assay targeting the human CHRM3 gene (nm\_000740) is amplified across a six-point dilution series of a standard DNA template, and spanning five orders of magnitude.

| 貨號          | 產品                                                   | 純化        | 合成量      | 保證收到濃度         |
|-------------|------------------------------------------------------|-----------|----------|----------------|
| DLO-RFB-5   | ValuProbe™, 5' FAM/3' BHQ-1                          | RP HPLC   | 50 nmol  | 10 nmol pure   |
| DLO-FB1-5   | Dual-labeled Probe, 5' FAM/3' BHQ-1                  | Dual HPLC | 100 nmol | > 10 nmol pure |
| DLO-FB1-2   | Dual-labeled Probe, 5' FAM/3' BHQ-1                  | Dual HPLC | 200 nmol | > 25 nmol pure |
| DLO-FB1-1   | Dual-labeled Probe, 5' FAM/3' BHQ-1                  | Dual HPLC | 1 µmol   | > 60 nmol pure |
| DLO-COB1-25 | Dual-labeled Probe, 5' CAL Fluor Orange 560/3' BHQ-1 | Dual HPLC | 25 nmol  | 5 nmol pure    |
| DLO-COB1-5  | Dual-labeled Probe, 5' CAL Fluor Orange 560/3' BHQ-1 | Dual HPLC | 50 nmol  | > 10 nmol pure |
| DLO-COB1-2  | Dual-labeled Probe, 5' CAL Fluor Orange 560/3' BHQ-1 | Dual HPLC | 200 nmol | > 25 nmol pure |
| DLO-COB1-1  | Dual-labeled Probe, 5' CAL Fluor Orange 560/3' BHQ-1 | Dual HPLC | 1 µmol   | > 60 nmol pure |
| DLO-Q5B2-25 | Dual-labeled Probe, 5' Quasar 570/3' BHQ-2           | Dual HPLC | 25 nmol  | 5 nmol pure    |
| DLO-Q5B2-5  | Dual-labeled Probe, 5' Quasar 570/3' BHQ-2           | Dual HPLC | 50 nmol  | >10 nmol pure  |
| DLO-Q5B2-2  | Dual-labeled Probe, 5' Quasar 570/3' BHQ-2           | Dual HPLC | 200 nmol | > 25 nmol pure |
| DLO-Q5B2-1  | Dual-labeled Probe, 5' Quasar 570/3' BHQ-2           | Dual HPLC | 1 µmol   | > 60 nmol pure |
| DLO-CAB2-25 | Dual-labeled Probe, 5' CAL Fluor Red 610/3' BHQ-2    | Dual HPLC | 25 nmol  | 5 nmol pure    |
| DLO-CAB2-5  | Dual-labeled Probe, 5' CAL Fluor Red 610/3' BHQ-2    | Dual HPLC | 50 nmol  | >10 nmol pure  |
| DLO-CAB2-2  | Dual-labeled Probe, 5' CAL Fluor Red 610/3' BHQ-2    | Dual HPLC | 200 nmol | >25 nmol pure  |
| DLO-Q6B2-25 | Dual-labeled Probe, 5' Quasar 670/3' BHQ-2           | Dual HPLC | 25 nmol  | 5 nmol pure    |
| DLO-Q6B2-5  | Dual-labeled Probe, 5' Quasar 670/3' BHQ-2           | Dual HPLC | 50 nmol  | 10 nmol pure   |
| DLO-Q6B2-2  | Dual-labeled Probe, 5' Quasar 670/3' BHQ-2           | Dual HPLC | 200 nmol | >20 nmol pure  |

## 訂購 Probe 享 Primer 優惠價

| 貨號    | 產品                                                                     | 純化              | 合成量     | 保證收到濃度             |                              |
|-------|------------------------------------------------------------------------|-----------------|---------|--------------------|------------------------------|
| PP-5  | Primer, (with probe purchase) Salt-Free (up to 30 bases each)          | Salt-Free       | 50 nmol | 20-40 nmol         | 搭配合成 Probe 享優惠價 <b>\$420</b> |
| PPC-5 | Primer, (with probe purchase) Cartridge Purified (up to 30 bases each) | RPC (Cartridge) | 50 nmol | 11.25-22 nmol pure | 搭配合成 Probe 享優惠價 <b>\$900</b> |

引子設計軟體：<https://www.biosearchtech.com/support/tools/design-software>

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