

選殖流程—現省優惠 買二送一

折扣碼：RCLO13

Competent Cells		
Catalog #	Name	Size
EC0113	Thermo Scientific DH10B Competent Cells	20 reactions
EC0112	Thermo Scientific DH5a Competent Cells	20 reactions
EC0111	Thermo Scientific DH5a Competent Cells for Subcloning	40 reactions
EC0114	Thermo Scientific BL21(DE3) Competent Cells	20 reactions
K123120	Thermo Scientific™ CloneJET™ PCR Cloning Kit with DH10B Competent Cells	20 reactions
K123240	Thermo Scientific™ CloneJET™ PCR Cloning Kit with DH10B Competent Cells	40 reactions
GeneJET Purification Kits		
Catalog #	Name	Size
K0482	GeneJET Plasmid Midiprep Kit	100 preps
K0481	GeneJET Plasmid Midiprep Kit	25 preps
K0492	GeneJET Plasmid Maxiprep Kit	25 preps
K0491	GeneJET Plasmid Maxiprep Kit	10 preps
K0502	GeneJET Plasmid Miniprep Kit	50 preps
K0503	GeneJET Plasmid Miniprep Kit	250 preps
K0861	GeneJET Endo-Free Plasmid Maxiprep Kit	10 preps
K0691	GeneJET Gel Extraction Kit	50 preps
K0692	GeneJET Gel Extraction Kit	250 preps
K0831	GeneJET Gel Extraction and DNA Cleanup Micro Kit	50 preps
K0832	GeneJET Gel Extraction and DNA Cleanup Micro Kit	250 preps
K0701	GeneJET PCR Purification Kit	50 preps
K0702	GeneJET PCR Purification Kit	250 preps
K0721	GeneJET Genomic DNA Purification Kit	50 preps
K0722	GeneJET Genomic DNA Purification Kit	250 preps
Maxima H Minus Reverse Transcriptases		
Catalog #	Name	Size
EP0751	Maxima H Minus Reverse Transcriptase (200 U/μL)	2000 units
EP0752	Maxima H Minus Reverse Transcriptase (200 U/μL)	10000 units
EP0753	Maxima H Minus Reverse Transcriptase (200 U/μL)	4 x 10000 units
K2561	Maxima H Minus Double-Stranded cDNA Synthesis Kit	10 reactions
K1651	Maxima H Minus First Strand cDNA Synthesis Kit	20 reactions
K1652	Maxima H Minus First Strand cDNA Synthesis Kit	100 reactions
M1681	Maxima™ H Minus cDNA Synthesis Master Mix, with dsDNase	50 reactions
M1661	Maxima™ H Minus cDNA Synthesis Master Mix	50 reactions
M1662	Maxima™ H Minus cDNA Synthesis Master Mix	200 reactions
Phusion High-Fidelity DNA Polymerases		
Catalog #	Name	Size
F531S	Phusion High-Fidelity PCR Master Mix with HF Buffer	100 reactions
F531L	Phusion High-Fidelity PCR Master Mix with HF Buffer	500 reactions
F532S	Phusion High-Fidelity PCR Master Mix with GC Buffer	100 reactions
F532L	Phusion High-Fidelity PCR Master Mix with GC Buffer	500 reactions
F541	Phusion Site-Directed Mutagenesis Kit	20 reactions
CloneJET PCR Cloning Kits		
Catalog #	Name	Size
K1231	CloneJET PCR Cloning Kit	20 reactions
K1232	CloneJET PCR Cloning Kit	40 reactions
aLICator Ligation Independent Cloning and Expression System		
Catalog #	Name	Size
K1241	aLICator LIC Cloning and Expression Kit 1 (untagged)	20 reactions
K1251	aLICator LIC Cloning and Expression Kit 2 (N-terminal His-tag/EK)	20 reactions
K1261	aLICator LIC Cloning and Expression Kit 3 (C-terminal His-tag)	20 reactions
K1271	aLICator LIC Cloning and Expression Set 1 (All-in-One/EK)	30 reactions

K1281	aLICator LIC Cloning and Expression Kit 4 (N-terminal His-tag/WQ)	20 reactions
K1291	aLICator LIC Cloning and Expression Set 2 (All-in-One/WQ)	30 reactions
Modifying Enzymes		
Catalog #	Name	Size
EF0652	FastAP Thermosensitive Alkaline Phosphatase (1 U/μL)	5 x 1000 units
EF0654	FastAP Thermosensitive Alkaline Phosphatase (1 U/μL)	300 units
EF0651	FastAP Thermosensitive Alkaline Phosphatase (1 U/μL)	1000 units
EK0031	T4 Polynucleotide Kinase (10 U/μL)	500 units
EK0032	T4 Polynucleotide Kinase (10 U/μL)	2500 units
EL0011	T4 DNA Ligase (6 U/μL)	1000 units
EL0012	T4 DNA Ligase (6 U/μL)	5 x 1000 units
EL0013	T4 DNA Ligase, HC (30 U/μL)	5000 units
EL0014	T4 DNA Ligase (6 U/μL)	200 units
EL0016	T4 DNA Ligase, LC (1 U/μL)	2 x 500 units
B69	T4 DNA Ligase Buffer (10X)	1.5 mL
K0771	Fast DNA End Repair Kit	50 reactions
K1422	Rapid DNA Ligation Kit	50 reactions
K1423	Rapid DNA Ligation Kit	150 reactions
EP0061	T4 DNA Polymerase (5 U/μL)	100 units
EP0062	T4 DNA Polymerase (5 U/μL)	500 units
EP0051	Klenow Fragment (10 U/μL)	300 units
EP0052	Klenow Fragment (10 U/μL)	1500 units
EP0054	Klenow Fragment, LC (2 U/μL)	300 units
Reagents for isothermal amplification		
Catalog #	Name	Size
A39390	EquiPhi29™ DNA Polymerase	250 U
A39391	EquiPhi29™ DNA Polymerase	1000 U
A39392	EquiPhi29™ DNA Polymerase	5000 U
B39	EquiPhi29™ DNA Polymerase Reaction Buffer (10X)	5 x 1 mL
B62	Reaction Buffer for phi29 DNA Polymerase (10X)	5 x 1.0 mL
EP0691	Bsm DNA Polymerase, large fragment (8 U/μL)	1600 units
SO181	Exo-Resistant Random Primer	100 μL
PCR and qPCR plastics		
Catalog #	Name	Size
AB1113	Tubes and Domed Caps, strips of 12	80 strips
AB0490	Tubes and Domed Caps, strips of 8, assorted colors	250 strips
AB1114	Tubes and Flat Caps, strips of 12	80 strips
AB0496	Tubes and Flat Caps, strips of 8, assorted colors	250 strips
AB0800	PCR Plate, 96-well, low profile, skirted	25 plates
AB0600	PCR Plate, 96-well, non-skirted	25 plates
AB0700	PCR Plate, 96-well, low profile, non-skirted	25 plates
AB0900W	PCR Plate, 96-well, segmented, semi-skirted, white	25 plates
AB3596	Armadillo PCR Plate, 96-well, clear, semi-skirted, white wells	25 plates
AB0337	Tubes, 0.2 mL, domed cap	1000 tubes
AB0620	Tubes, 0.2 mL, flat cap	1000 tubes
Water and general reagents for molecular cloning applications		
Catalog #	Name	Size
R0392	IPTG, dioxane-free	5 g
R0393	IPTG, dioxane-free	5 x 5 g
R0402	X-Gal	2 x 1 g
R0404	X-Gal	1 g
R0551	Glycogen, RNA grade	2 x 0.1 mL
R0561	Glycogen, molecular biology grade	2 x 0.25 mL
R0581	Water, nuclease-free	4 x 1.25 mL
R0582	Water, nuclease-free	30 mL
R0601	DEPC-treated Water	30 mL

R0603	DEPC-treated Water	5 x 1.0 mL
R0861	DTT (dithiothreitol)	5 g
R0862	DTT (dithiothreitol)	25 g
R0941	X-Gal Solution, ready-to-use	10 mL
R1021	EDTA (0.5 M), pH 8.0	5 x 1.0 mL
R1171	IPTG Solution, ready-to-use	10 x 1.5 mL
B52	TBE Buffer (Tris-borate-EDTA) (10X)	1 L
R2801	TopVision Agarose Tablets	200 tablets (0.5g each)
R2802	TopVision Agarose Tablets	1,000 tablets (0.5g each)
R0491	TopVision Agarose	100 g
R0492	TopVision Agarose	500 g
FastDigest restriction enzymes		
Catalog #	Name	Size
B64	FastDigest Buffer (10X)	5 x 1 mL
B72	FastDigest Green Buffer (10X)	5 x 1 mL
FD0014	FastDigest AluI	100 reactions
FD0024	FastDigest Alw21I	100 reactions
FD0034	FastDigest Alw26I	100 reactions
FD0044	FastDigest Alw44I	200 reactions
FD0054	FastDigest BamHI	800 reactions
FD0055	FastDigest BamHI	2500 reactions
FD0064	FastDigest BclI	200 reactions
FD0074	FastDigest BglI	200 reactions
FD0083	FastDigest BglII	100 reactions
FD0084	FastDigest BglIII	200 reactions
FD0094	FastDigest Bpu1102I	50 reactions
FD0124	FastDigest Bsp119I	200 reactions
FD0134	FastDigest Bsp120I	200 reactions
FD0143	FastDigest Bsu15I	50 reactions
FD0144	FastDigest Bsu15I	100 reactions
FD0154	FastDigest BsuRI	400 reactions
FD0184	FastDigest Cfr10I	50 reactions
FD0194	FastDigest Cfr13I	100 reactions
FD0214	FastDigest Csp6I	100 reactions
FD0224	FastDigest DraI	200 reactions
FD0234	FastDigest Eam1104I	50 reactions
FD0244	FastDigest Eam1105I	100 reactions
FD0254	FastDigest Eco136II	100 reactions
FD0264	FastDigest EcoO109I	200 reactions
FD0274	FastDigest EcoRI	800 reactions
FD0275	FastDigest EcoRI	2500 reactions
FD0293	FastDigest Eco31I	50 reactions
FD0294	FastDigest Eco31I	100 reactions
FD0303	FastDigest Eco32I	200 reactions
FD0304	FastDigest Eco32I	400 reactions
FD0314	FastDigest Eco47I	200 reactions
FD0324	FastDigest Eco47III	20 reactions
FD0334	FastDigest Eco52I	50 reactions
FD0344	FastDigest Eco57I	20 reactions
FD0364	FastDigest Eco72I	200 reactions
FD0374	FastDigest Eco81I	50 reactions
FD0384	FastDigest Eco88I	200 reactions
FD0394	FastDigest Eco91I	200 reactions
FD0404	FastDigest Eco105I	50 reactions
FD0414	FastDigest Eco130I	200 reactions
FD0424	FastDigest Eco147I	100 reactions
FD0434	FastDigest Scal	100 reactions
FD0443	FastDigest Ehel	20 reactions
FD0444	FastDigest Ehel	50 reactions
FD0454	FastDigest Esp3I	20 reactions

萊富生命科技股份有限公司

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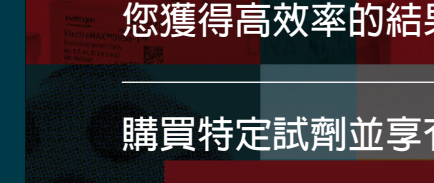
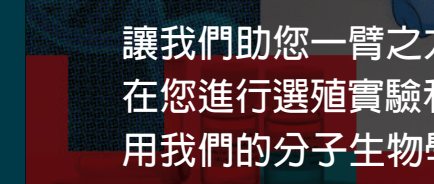
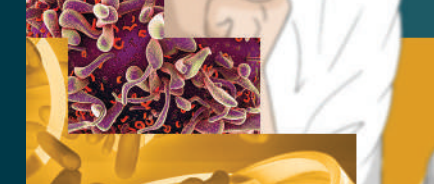
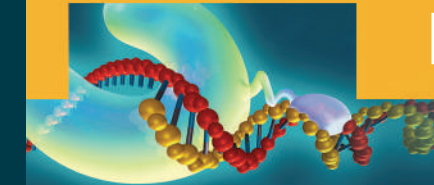
FD0464	FastDigest GsuI	20 reactions
FD0474	FastDigest HinI	100 reactions
FD0484	FastDigest Hin6I	200 reactions
FD0494	FastDigest HincII	100 reactions
FD0504	FastDigest HindIII	800 reactions
FD0505	FastDigest HindII	2500 reactions
FD0514	FastDigest HpaI	200 reactions
FD0524	FastDigest KpnI	300 reactions
FD0534	FastDigest Kpn2I	100 reactions
FD0544	FastDigest MspI	400 reactions
FD0554	FastDigest MvaI	200 reactions
FD0564	FastDigest MluI	100 reactions
FD0573	FastDigest NcoI	20 reactions
FD0574	FastDigest NcoI	100 reactions
FD0575	FastDigest NcoI	300 reactions
FD0583	FastDigest NdeI	100 reactions
FD0584	FastDigest NdeI	300 reactions
FD0585	FastDigest NdeI	1000 reactions
FD0593	FastDigest NotI	20 reactions
FD0594	FastDigest NotI	50 reactions
FD0595	FastDigest NotI	150 reactions
FD0596	FastDigest NotI	250 reactions
FD0604	FastDigest PaeI	20 reactions
FD0614	FastDigest PstI	800 reactions
FD0615	FastDigest PstI	2500 reactions
FD0624	FastDigest PvuI	20 reactions
FD0634	FastDigest PvuII	400 reactions
FD0644	FastDigest Sall	200 reactions
FD0654	FastDigest SduI	50 reactions
FD0663	FastDigest SmaI	100 reactions
FD0664	FastDigest SmaI	200 reactions
FD0674	FastDigest TaqI	400 reactions
FD0684	FastDigest XbaI	300 reactions
FD0685	FastDigest XbaI	750 reactions
FD0694	FastDigest XhoI	400 reactions
FD0695	FastDigest XhoI	1200 reactions
FD0704	FastDigest Bst1107I	100 reactions
FD0714	FastDigest Van91I	100 reactions
FD0724	FastDigest BclI	300 reactions
FD0734	FastDigest Mph1103I	100 reactions
FD0744	FastDigest CpoI	20 reactions
FD0753	FastDigest MunI	20 reactions
FD0754	FastDigest MunI	50 reactions
FD0764	FastDigest Psp5I	50 reactions
FD0774	FastDigest SspI	100 reactions
FD0784	FastDigest Bsp143I	40 reactions
FD0804	FastDigest HinfI	400 reactions
FD0814	FastDigest MboI	50 reactions
FD0824	FastDigest MboI	50 reactions
FD0834	FastDigest Bsp7I	150 reactions
FD0854	FastDigest Pfl23I	50 reactions
FD0874	FastDigest BseGI	100 reactions
FD0884	FastDigest BseNI	100 reactions
Others		
Catalog #	Name	Size
4346907	MicroAmp Fast Optical 96-Well Reaction Plate, 0.1 mL	10 plates
N8010560	MicroAmp® Optical 96-Well Reaction Plate	10 plates
4360954	MicroAmp Optical Adhesive Film	25 covers
4311971	MicroAmp Optical Adhesive Film	100 covers
10777019	RNaseOUT Recombinant Ribonuclease Inhibitor	5,000 units

molecular biology

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# 分子生物學專刊

## Molecular Cloning



讓我們助您一臂之力：  
在您的選殖實驗和挑選各式修飾酶時，利用我們的分子生物學相關產品和試劑能幫助您獲得高效率的結果。

購買特定試劑並享有優惠

詳情請參考內頁

促銷時間至 2020 年 3 月 31 日

RELIABLE

VERSATILE

FAST

ThermoFisher  
SCIENTIFIC



## 助您一臂之力

在選殖、修飾酶實驗流程中我們可以助您一臂之力。無論您的下游實驗應用為何，使用高品質、高純度的試劑至關重要。以下重點可使您的團隊在較短的時間內取得可靠的結果。



使用 Thermo Scientific GeneJET plasmid purification kit 可快速、輕鬆分離並獲得高純度質體。



Thermo Scientific CloneJET PCR Cloning Kit 採用 positive selection system，內含引子和對照組，只需要 5 分鐘便可產生重組後的選殖 DNA。

[thermofisher.com/clonejet](http://thermofisher.com/clonejet)

## 實用技巧

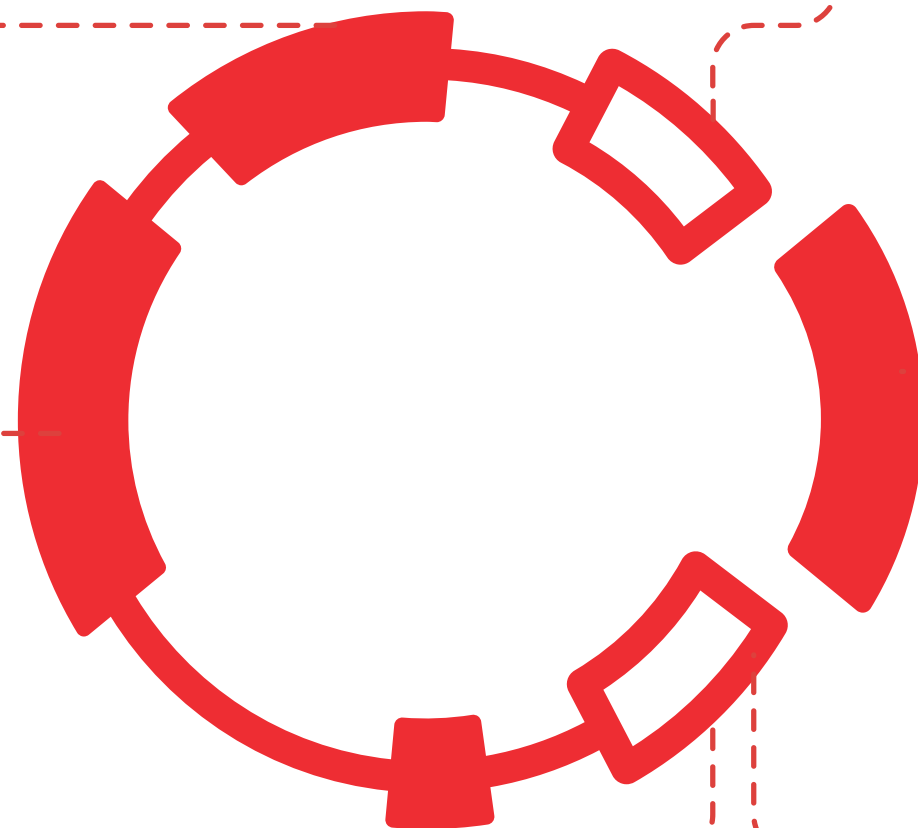
瀏覽我們的線上文章，了解更多關於選殖和修飾酶的操作知識。

本系列涵蓋了：

- 五種研究員都應該知道的篩選方法
- 五個 Thermo Scientific 選殖的秘訣
- 使用 Type IIS 限制酶可簡化您的選殖流程

[thermofisher.com/spotlight](http://thermofisher.com/spotlight)

## Make your vector and insert a great team



高效率的接合步驟決定選殖是否成功。

Thermo Scientific Rapid DNA Ligation Kit 可在 5 分鐘內連接 DNA 黏性端/ 鈍端 (室溫環境)

[thermofisher.com/rapidligation](http://thermofisher.com/rapidligation)

Thermo Scientific FastAP Alkaline Phosphatase 可避免質體重新環化 (並在所有 Thermo Scientific 限制酶專用緩衝液及 PCR 緩衝液裡仍保有活性)。本產品只需要在室溫環境放置 10 分鐘便可將各種 DNA 尾端 (如鈍端、5'-和 3'-黏性端) 去磷酸化。

[thermofisher.com/fastap](http://thermofisher.com/fastap)

DNA/ RNA 修飾酶 (比如接合酶，磷酸酶，激酶和 DNA 聚合酶) 在 FastDigest 限制酶緩衝液裡仍保有 100% 活性。因此，下游應用所需的酶可直接加入進行混合，無需更換緩衝液或進行純化。

[thermofisher.com/fastdigest](http://thermofisher.com/fastdigest)

## 歡迎新成員加入

全新的 Thermo Scientific DH10B、DH5  $\alpha$  和 BL21 (DE3) 勝任細胞是在最嚴謹的品質控管下生產，為您提供可靠且一致的選殖流程。若您已購買 CloneJET PCR Cloning Kit 或 Phusion Site-Directed Mutagenesis Kit，可加購 Thermo Scientific DH10B 勝任細胞的包裝套組。

[thermofisher.com/competentcells](http://thermofisher.com/competentcells)

若要保持序列之精準度，建議使用高精準性 DNA 聚合酶，比如 Thermo Scientific Phusion High-Fidelity DNA Polymerase。如果您打算製造點突變 (單點，插入或删除)，Thermo Scientific Phusion Site-Directed Mutagenesis Kit 將是您的最佳利器。

[thermofisher.com/phusion](http://thermofisher.com/phusion)

