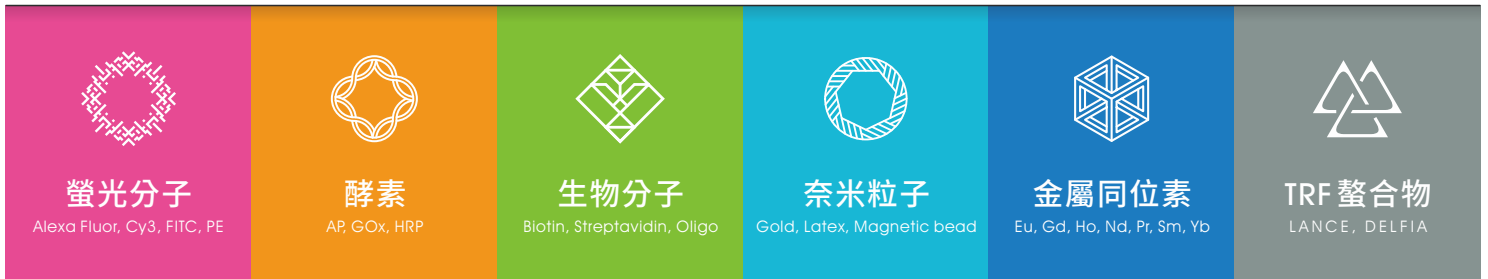


# [蛋白質 / 抗體] 標定試劑

伯森生技提供您最優質齊全的標定產品選擇



## Lightning-Link® 標定試劑

由 Expedeon (part of Abcam) 開發之 Lightning-Link® 系列標定試劑產品具有 **100% 抗體回收率**、**流程簡便快速**、**抗體需求量低**等多項優勢特點，從**螢光染料**、**酵素**、**Biotin**、**Streptavidin**、**奈米金**，到**乳膠微粒**、**磁珠**、**鏷系金屬同位素**、**時差性螢光螯合物**、**寡核苷酸**等標誌物，皆能協助科研人員迅速高效地完成抗體 (或蛋白質) 標定實驗，是 FACS, ELISA, IHC, WB, Lateral flow 等應用實驗的絕佳研究工具。



- 
1. Add Modifier to antibody
  2. Add step 1 mix to Conjugate
  3. Add Quencher (Antibody labeled)

**Lightning-Link® Conjugation Kits are quick and easy to use.** **Step 1.** Add Modifier reagent to purified antibodies; **Step 2.** Add step 1 mixture to Conjugation Mix vial; **Step 3.** Add Quencher reagent. Antibodies are labeled and ready for use (do not require further purification).

**100%**

100% 抗體回收率

**30 sec**

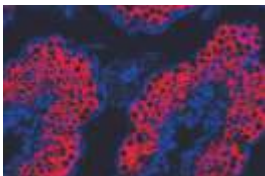
30 秒手動操作時間

**20 min**

20 分鐘完成標定反應  
\*FAST conjugation kit

**10 µg**

10 µg 抗體即可進行標定



DyLight® 550 Conjugation Kit (Fast) - Lightning-Link® (ab201800)



Advantages, tips and testimonials



FAQ



## 螢光分子標定試劑

Conjugate	Ex/Em	Cat. No.
Dylight® 405 (Fast)	■ 400/420	ab201798 (A)
Dylight® 350 (Fast)	■ 353/432	ab201797 (A)
AMCA (Fast)	■ 350/445	ab195224 (A)
Atto 390	■ 388/468	ab269895 (C)
Dylight® 488 (Fast)	■ 493/518	ab201799 (A)
Alexa Fluor® 488	■ 495/519	ab236553 (A)
FITC (Fast)	■ 495/519	ab188285 (A)
FITC	■ 495/519	ab102884 (A)
Atto 488	■ 504/530	ab269896 (A)
Cy3® (Fast)	■ 548/561	ab188287 (A)
Alexa Fluor® 555	■ 555/565	ab269820 (A)
B-PE	■ 546/575	ab102871 (E)
R-PE	■ 565/575	ab102918 (D)
Dylight® 550 (Fast)	■ 562/576	ab201800 (A)
Rhodamine (Fast)	■ 561/588	ab188286 (A)
Atto 565	■ 570/598	ab269897 (C)
Alexa Fluor® 568	■ 578/603	ab269821 (A)
Texas Red® (Fast)	■ 595/613	ab195225 (A)
PE/Texas Red	■ 565/616	ab269899 (B)
Alexa Fluor® 594	■ 590/617	ab269822 (A)
Dylight® 594 (Fast)	■ 593/618	ab201801 (A)
PE/Atto 594	■ 565/632	ab269900 (B)
Dylight® 633 (Fast)	■ 638/658	ab201802 (A)
Atto 633	■ 634/660	ab269898 (A)
APC	■ 650/660	ab201807 (A)
Cy5® (Fast)	■ 647/665	ab188288 (A)
Alexa Fluor® 647	■ 650/665	ab269823 (A)
PE/Cy5®	■ 565/666	ab102893 (B)
Dylight® 650 (Fast)	■ 654/673	ab201803 (A)
PerCP	■ 477/678	ab102907 (A)
FluoProbes 647H	■ 650/684	ab269904 (A)
PE/Cy5.5®	■ 565/693	ab102899 (B)
PerCP/Cy5.5®	■ 477/694	ab102911 (A)
APC/Cy5.5®	■ 650/694	ab102855 (A)
Cy5.5	■ 675/694	ab269891 (C)
Dylight® 680 (Fast)	■ 692/712	ab201804 (A)
Alexa Fluor® 700	■ 702/723	ab269824 (F)
APC/Cy7®	■ 650/774	ab102859 (A)
Dylight® 755 (Fast)	■ 754/776	ab201805 (A)
PE/Cy7®	■ 565/778	ab102903 (B)
Dylight® 800 (Fast)	■ 777/794	ab201806 (A)

## 酵素標定試劑

Conjugate	Cat. No.
Alkaline phosphatase (AP)	ab102850 (A)
Alkaline phosphatase (AP) (Animal Free)	ab269901 (A)
Glucose oxidase (GOx)	ab102887 (F)
Horse radish peroxidase (HRP)	ab102890 (G)

## Biotin/Streptavidin/Oligo 標定試劑

Conjugate	Cat. No.
Biotin (Fast, Type A)	ab201795 (A)
Biotin (Fast, Type B)	ab201796 (A)
Streptavidin	ab102921 (A)
Oligonucleotide (10~120 nt in length)	ab218260 (A)

## 金奈米粒子標定試劑

Conjugate	Cat. No.
Gold nanoparticles (10 nm, 20 OD)	ab201808 (H)
Gold nanoparticles (20 nm, 20 OD)	ab188215 (H)
Gold nanoparticles (40 nm, 20 OD)	ab154873 (H)
Gold nanoparticles (60 nm, 20 OD)	ab188216 (I)
Gold nanoparticles (80 nm, 20 OD)	ab154876 (H)
Gold-Biotin nanoparticle (40 nm, 10 OD)	ab186922 (J)
Gold-Hydrazide nanoparticles (40 nm, 10 OD)	ab188284 (K)
Gold-Maleimide nanoparticles (10nm)	ab269903 (L)
Gold-Maleimide nanoparticles (20nm)	ab269902 (L)
Gold-Oligonucleotide nanoparticles (40 nm, 20 OD)	ab188290* (K)
Gold-Streptavidin nanoparticles (40 nm, 10 OD)	ab186864 (J)

\*Conjugate Gold nanoparticles to oligonucleotide (10~120 nt in length).  
 ❖另售有多種粒徑尺寸的金奈米粒子產品，詳情請洽伯森生技業務專員

## 乳膠微粒標定試劑

Conjugate	Cat. No.
Latex nanoparticles (400nm Black)	ab269894 (M)
Latex nanoparticles (400nm Black)	ab269963 (N)
Latex nanoparticles (400nm Blue)	ab269892 (M)
Latex nanoparticles (400nm Blue)	ab269947 (N)
Latex nanoparticles (400nm Red)	ab269893 (M)
Latex nanoparticles (400nm Red)	ab269962 (N)

包裝規格

- (A) 30 µg, 100 µg, 300 µg, 1 mg
- (B) 30 µg, 60 µg, 180 µg, 600 µg
- (C) 30 µg, 100 µg, 300 µg

- (D) 30 µg, 60 µg, 180 µg, 600 µg, 3 mg
- (E) 60 µg, 180 µg, 600 µg
- (F) 30 µg, 300 µg, 1 mg

- (G) 30 µg, 100 µg, 300 µg, 1 mg, 5 mg
- (H) 1 test, 3 tests, 10 tests
- (I) 1 test

## 磁珠標定試劑

Conjugate	Cat. No.
Magnetic particles (500 nm)	ab269890 ㉔
Magnetic particles (500 nm)	ab236552 ㉔

## 鐳系金屬同位素標定試劑

Conjugate	Cat. No.
141Pr	ab269826 ㉔
142Nd	ab269827 ㉔
143Nd	ab269828 ㉔
144Nd	ab269829 ㉔
146Nd	ab269830 ㉔
147Sm	ab269831 ㉔
148Nd	ab269832 ㉔
149Sm	ab269833 ㉔
151Eu	ab269834 ㉔
152Sm	ab269835 ㉔
153Eu	ab269836 ㉔
154Sm	ab269837 ㉔
156Gd	ab269838 ㉔
158Gd	ab269839 ㉔
159Tb	ab269840 ㉔
160Gd	ab269841 ㉔
164Dy	ab269843 ㉔
165Ho	ab269844 ㉔
166Er	ab269845 ㉔
167Er	ab269846 ㉔
168Er	ab269847 ㉔
169Tm	ab269848 ㉔
170Er	ab269849 ㉔
171Yb	ab269850 ㉔
172Yb	ab269851 ㉔
174Yb	ab269852 ㉔
175Lu	ab269853 ㉔
176Yb	ab269854 ㉔

## TRF 時差性螢光螯合物標定試劑

Conjugate	Cat. No.
Europium chelate microspheres (200 nm)	ab269889 ㉓
Europium chelate microspheres (200 nm)	ab269946 ㉓

## 抗體純化試劑

Product Name	Cat. No.
Antibody Purification Kit (Protein A)	ab102784 ㉔
Antibody Purification Kit (Protein G)	ab128747 ㉔
Antibody Serum Purification Kit (Protein A)	ab109209 ㉔
Antibody TCS Purification Kit	ab109207 ㉔
BSA Removal Kit (up to 1.25 ml antibody with 0.5% BSA)	ab173231 ㉔
GOLD antibody purification kit	ab204909 ㉔
GOLD BSA removal kit	ab204912 ㉔
GOLD mouse antibody purification kit	ab204910 ㉔
Mouse Antibody Purification Kit	ab128745 ㉔
Mouse TCS Purification System	ab128749 ㉔
Serum Antibody Purification Kit (Protein G)	ab128751 ㉔

## 抗體濃縮試劑

Product Name	Cat. No.
Antibody Concentration and Clean Up Kit for Latex & Europium	ab269965 ㉓
Antibody Concentration Kit (3 columns)	ab102778 ㉔
GOLD antibody concentration kit	ab204911 ㉔



- ㉔ 200  $\mu$ l, 1 ml
- ㉔ 1 test, 3 tests
- ㉔ 120  $\mu$ l, 400  $\mu$ l

- ㉓ 16  $\mu$ g (4 vials x 4  $\mu$ g), 40  $\mu$ g (10 vials x 4  $\mu$ g)
- ㉓ 40  $\mu$ g (1 vial)
- ㉓ 60  $\mu$ g (20  $\mu$ g x 3 vials), 200  $\mu$ g (20  $\mu$ g x 10 vials)

- ㉔ 200  $\mu$ g (1 vial)
- ㉔ 10  $\mu$ g, 100  $\mu$ g
- ㉔ 1 ml

- ㉔ 4 units
- ㉔ 3 units
- ㉔ 3 tests

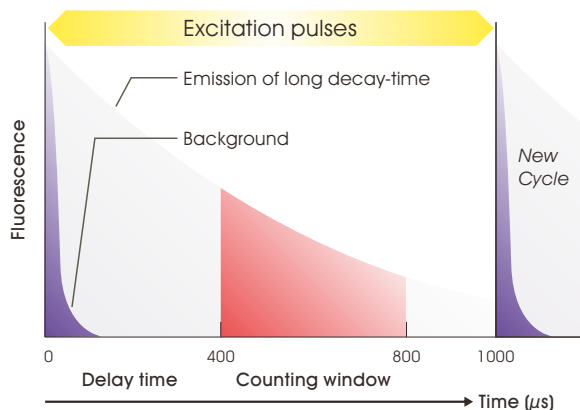
# TRF 時差性螢光螯合物標定試劑



此系列產品可將鐳系元素 (Eu, Tb, Sm) 螯合物 (chelate) 標定在蛋白質或抗體上，適用於目標分子定量偵測、分子間交互作用與結合反應、酵素活性分析等檢測實驗。與一般螢光相比，時差性螢光 (Time-resolved fluorescence, TRF) 具有以下優勢特點：

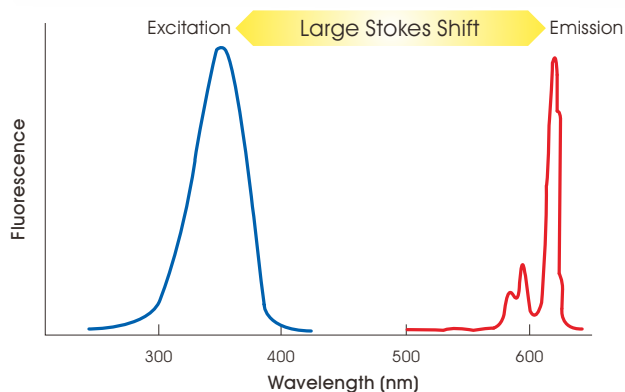
## ❖ 低背景值

TRF 螢光半衰期較長 (達到 1000 微秒)，可藉由延後偵測時間，排除大部分的背景螢光干擾訊號。



## ❖ 高靈敏度

TRF 螢光的激發光 (excitation) 與發射光 (emission) 波長差異大，不會互相干擾，能有效提高偵測靈敏度。



## LANCE labeling reagent

標定後的分子即可產生時差性螢光訊號

掃描瀏覽  
完整說明



Reactive with	Product Name	Cat. No.	Size
Free Amino groups	LANCE Eu-W1024-ITC Chelate & Eu Standard	PK-AD0096	100 μg
Free Sulfhydryl groups	LANCE Eu-W1284-Iodoacetamido Chelate & Eu Standard	PK-AD0107	100 μg
Free Amino groups, Sulfhydryl groups, and Hydroxyl groups	LANCE Eu-W8044-DTA Chelate & Eu Standard	PK-AD0020	1 mg

## DELFLIA labeling reagent

標定後的分子沒有螢光，需搭配解離溶液才會產生時差性螢光訊號

掃描瀏覽  
完整說明



Reactive with	Product Name	Cat. No.	Size
Free Amino groups	DELFLIA Europium labeling kit (Eu-N1-ITC chelate)	PK-1244-302	0.2 mg
	Eu-DTPA-ITC chelate	PK-AD0021	1 mg
	Eu-N1 ITC chelate	PK-1244-301	1 mg
Free Sulfhydryl groups	Eu-N1-Iodoacetamido chelate	PK-AD0002	1 mg
	Eu-DTPA-DTA chelate	PK-AD0024	1 mg
Free Amino groups, Sulfhydryl groups, and Hydroxyl groups	Eu-N1-DTA chelate	PK-AD0004	1 mg
	Eu-DTPA-amino chelate	PK-AD0023	1 mg
Carboxyl groups	Eu-N1-amino chelate	PK-AD0003	1 mg

