

〔抗體／蛋白質〕標定試劑

伯森生技提供最優質齊全的標定產品選擇



Lightning-Link[®] 標定試劑

由 Expedeon (part of Abcam) 所開發的 Lightning-Link[®] 系列產品具有 100% 抗體回收率、流程簡便快速、抗體需求量低、文獻豐富等多項優勢特點，是抗體（或蛋白質）標定實驗的絕佳利器！款式選擇多樣化，從螢光染料、酵素、Biotin、Streptavidin、Oligo barcode、奈米金、到乳膠微粒、磁珠、鑷系金屬同位素、TRF 時差性螢光螯合物等標誌物，皆能協助科研人員迅速高效地完成抗體標定實驗，是 Flow cytometry, ELISA, IHC, WB, Lateral flow 等免疫偵測實驗的最佳研究工具。完整產品資訊與最新優惠活動，歡迎洽詢伯森業務專員。

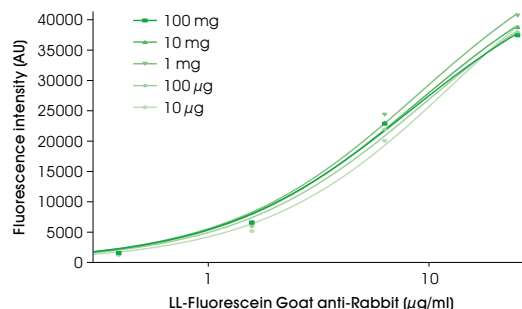


Lightning-Link[®] antibody conjugation kits (Expedeon, part of Abcam)



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).



Consistent performance of Lightning-Link[®] kits on an experimental scale ranging from 10 µg to 100 mg of antibody.

Following the protocol booklet recommendations, vials were conjugated 15 minutes to fluorescein.

100%

100% 抗體回收率

30sec

30 秒手動操作時間

20min

20 分鐘完成標定反應
*FAST conjugation kit

10µg

10 µg 抗體即可進行標定



伯森生技客服專線

北部 0800-059668 南部 0800-259988



螢光分子標定試劑

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

酵素標定試劑

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

Biotin/Streptavidin/Oligo 標定試劑

Conjugate	Cat. No.
Biotin (Fast, Type A)	ab201795 Ⓐ
Biotin (Fast, Type B)	ab201796 Ⓐ
Biotin (with inbuilt quantification)	ab272214 Ⓞ
Streptavidin	ab102921 Ⓐ
Oligonucleotide (10~120 nt in length)	ab218260 Ⓐ

5' Oligo Barcode 標定試劑

Conjugate	Cat. No.
5' Feature Barcode - Oligos 1-10	ab270703 Ⓞ
5' Feature Barcode - Oligos 11-20	ab270705 Ⓞ
5' Feature Barcode - Oligos 21-30	ab270709 Ⓞ

*Compatible with Chromium Single Cell Immune Profiling (10x Genomics).

金奈米粒子標定試劑

Conjugate	Cat. No.
Gold nanoparticles (10 nm, 20 OD)	ab201808 Ⓣ
Gold nanoparticles (20 nm, 20 OD)	ab188215 Ⓣ
Gold nanoparticles (40 nm, 20 OD)	ab154873 Ⓣ
Gold nanoparticles (80 nm, 20 OD)	ab154876 Ⓣ
Gold-Biotin nanoparticle (40 nm, 10 OD)	ab186922 Ⓣ
Gold-Carboxyl Nanoparticles (40 nm, 40 OD)	ab269942 Ⓣ
Gold-Maleimide nanoparticles (10nm)	ab269903 Ⓣ
Gold-Maleimide nanoparticles (20nm)	ab269902 Ⓣ
Gold-Oligonucleotide nanoparticles (40 nm, 20 OD)	ab188290* Ⓣ
Gold-Streptavidin nanoparticles (40 nm, 10 OD)	ab186864 Ⓣ

*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

包裝規格

- Ⓐ 30 µg, 100 µg, 300 µg, 1 mg Ⓓ 30 µg, 60 µg, 180 µg, 600 µg, 3 mg Ⓖ 30 µg, 100 µg, 300 µg, 1 mg, 5 mg Ⓝ 200 µl, 1 ml
 Ⓑ 30 µg, 60 µg, 180 µg, 600 µg Ⓔ 60 µg, 180 µg, 600 µg Ⓗ 1 test, 3 tests, 10 tests Ⓚ 1 test, 3 tests
 Ⓒ 30 µg, 100 µg, 300 µg Ⓕ 30 µg, 300 µg, 1 mg ⓘ 1 test Ⓛ 120 µl, 400 µl

磁珠標定試劑

Conjugate	Cat. No.
Magnetic particles (500 nm)	ab269890 [Ⓜ]
Magnetic particles (500 nm)	ab236552 [Ⓟ]

鐳系金屬同位素標定試劑

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

TRF 時差性螢光螯合物標定試劑

Europium chelate microspheres (200 nm)	ab269889 [Ⓜ]
Europium chelate microspheres (200 nm)	ab269946 [Ⓜ]

抗體純化試劑

Product Name	Cat. No.
Antibody Purification Kit (Protein A)	ab102784 [Ⓜ]
Antibody Purification Kit (Protein G)	ab128747 [Ⓜ]
Antibody Serum Purification Kit (Protein A)	ab109209 [Ⓜ]
Antibody TCS Purification Kit	ab109207 [Ⓜ]
BSA Removal Kit (up to 1.25 ml antibody with 0.5% BSA)	ab173231 [Ⓜ]
GOLD antibody purification kit	ab204909 [Ⓜ]
GOLD BSA removal kit	ab204912 [Ⓜ]
GOLD mouse antibody purification kit	ab204910 [Ⓜ]
Magnetic Antibody Purification System	ab270532 [Ⓜ]
Mouse Antibody Purification Kit	ab128745 [Ⓜ]
Mouse TCS Purification System	ab128749 [Ⓜ]
Protein A Spin Antibody Purification Kit	ab288107 [Ⓜ]
Protein G Spin Antibody Purification Kit	ab288095 [Ⓜ]
Rat TCS Antibody Purification Kit	ab270562 [Ⓜ]
Serum Antibody Purification Kit (Protein G)	ab128751 [Ⓜ]
TCS Antibody Purification Kit - Nanoparticles	ab270554 [Ⓜ]

抗體濃縮試劑

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



FAQs - Lightning-Link®
Antibody Conjugation
Kits



Product List - Abcam
Conjugation Kits

[Ⓜ] 16 µg (4 vials x 4 µg), 40 µg (10 vials x 4 µg)
[Ⓝ] 40 µg (1 vial)
[Ⓞ] 60 µg (20 µg x 3 vials), 200 µg (20 µg x 10 vials)

[Ⓟ] 200 µg (1 vial)
[Ⓠ] 10 µg, 100 µg
[Ⓡ] 1 ml

[Ⓢ] 4 units
[Ⓣ] 3 units
[Ⓤ] 3 tests

[Ⓟ] 300 µg, 1 mg
[Ⓡ] 1 kit
[Ⓧ] 40 µg, 200 µg

[Ⓜ] 400 µl
[Ⓡ] 10 tests

包裝
規格

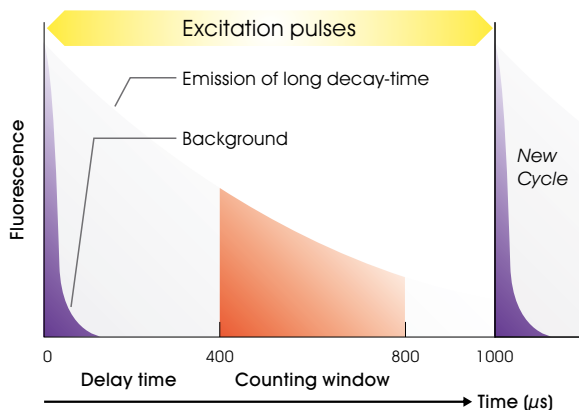
TRF 時差性螢光螯合物標定試劑



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：

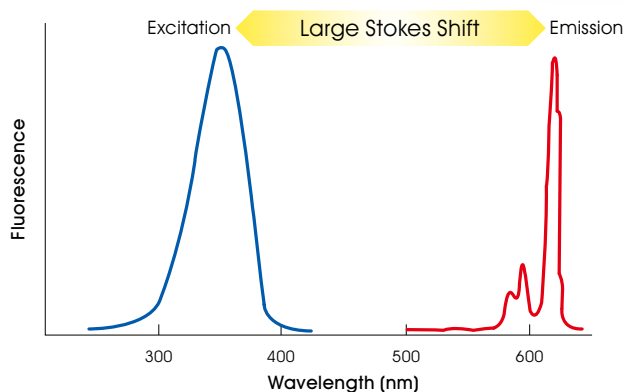
❖ 低背景值

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 μ g
Free Sulfhydryl groups	LANCE Eu-W1284-Iodoacetamido Chelate & Eu Standard	PK-AD0107	100 μ g
Free Amino groups, Sulfhydryl groups, and Hydroxyl groups	LANCE Eu-W8044-DTA Chelate & Eu Standard	PK-AD0020	1 mg

DELFA 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	DELFA 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
Free Amino groups, Sulfhydryl groups, and Hydroxyl groups	Eu-DTPA-DTA chelate	PK-AD0024	1 mg
	Eu-N1-DTA chelate	PK-AD0004	1 mg
Carboxyl groups	Eu-DTPA-amino chelate	PK-AD0023	1 mg
	Eu-N1-amino chelate	PK-AD0003	1 mg