



solulink™



your link to everything.



KITS & REAGENTS

BIOTINYLATION KITS

Biotinylate & quantify labeling with 1 reagent

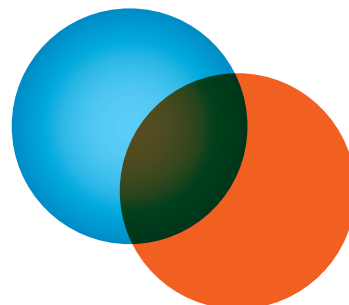
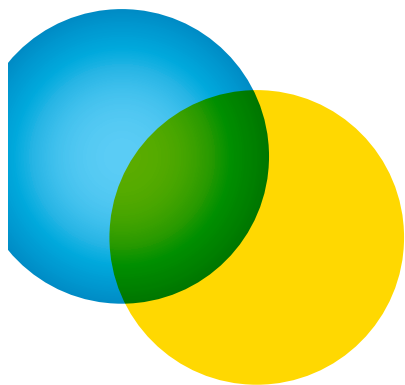
MAGNETIC BEADS

Highest binding capacity—streptavidin,
4-FB, & amino versions

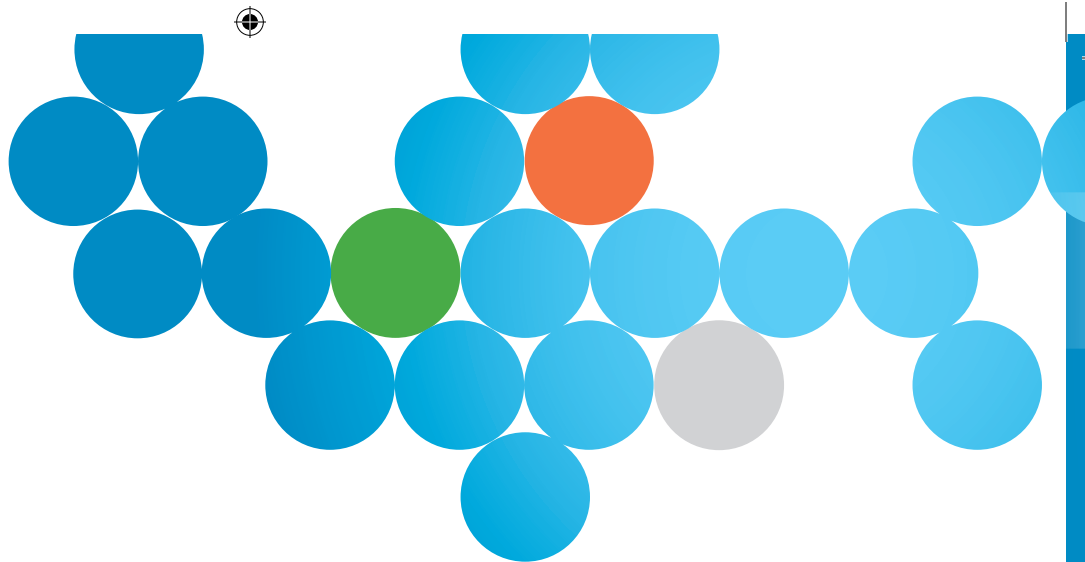
CROSSLINKING KITS

Efficient & easy-to-use antibody labeling

No chromatography required



www.solulink.com



Solulink's superior crosslinking technology gives you tools that are:

- More quantifiable
- More efficient
- Easier to use
- More versatile
- Higher yielding

GET BETTER RESULTS. GUARANTEED.

● ChromaLink™ Biotinylation Kits Biotinylate & Quantify Antibody Labeling with 1 Reagent

ChromaLink Biotin allows for the simple and direct spectroscopic quantification of incorporated biotin.

- Complete kit
- Labels 25 µg to 1 mg
- Built-in quantitative signal
- Safe and economical

● NanoLink™ and MagnaLink™ Magnetic Beads Highest Binding Capacity on the Market: >12 nmol/mg

Solulink's NanoLink and MagnaLink Magnetic Beads possess the highest biotin-binding capacity of any commercially available polymer-encapsulated particle.

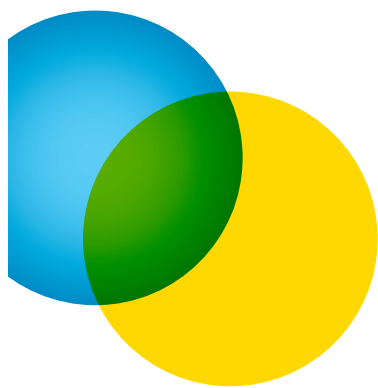
- High surface area
- Fast magnetic response time
- High binding capacity
- 0.8 µm and 2.8 µm sizes

● CrossLinking and Antibody Labeling Kits Stable, high specificity provides conjugate yields >80%

Solulink's technology is highly selective, stable in solution, and not susceptible to nonspecific binding, making it superior to conventional methods.

- UV-traceable technology
- Crosslinks any biomolecule
- Stable conjugate bond
- Efficient and reproducible

No chromatography required for All-in-One Antibody Labeling Kits

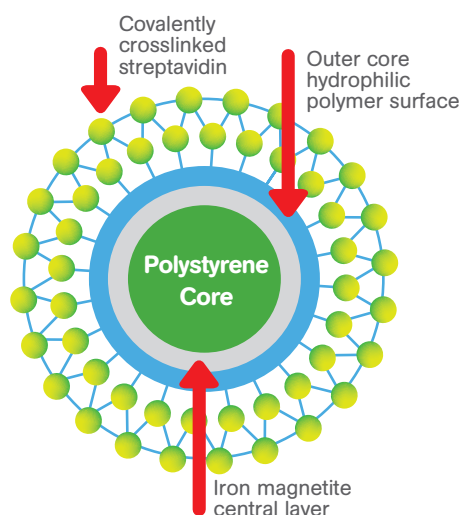


NanoLink™ and MagnaLink™ Magnetic Beads

LINKER ACTIVATED, HIGHEST BINDING CAPACITY ON THE MARKET

NanoLink and MagnaLink beads reduce the overall bead mass required to immobilize a biotinylated sample. This provides the benefits of both lower backgrounds of nonspecific binding and lower net costs.

For use in: • Immunoprecipitation • Cell capture • DNA capture • Flow cytometry



Streptavidin Beads

NanoLink and MagnaLink beads have the most consistent, ultra-high biotin binding of any particle on the market (>12 nmol/mg). Applications include capture and immobilization of biotinylated biomolecules, such as DNA, RNA, peptides, proteins, and antibodies.

Advantages of NanoLink Magnetic Beads vs. the Competition

Molecule	NanoLink (0.8 μm) Binding	Competitor's (1 μm) Binding
Free biotin	>14 nmol/mg	>1,300 pmol/mg
Biotinylated oligo (23-mer)	>2.5 nmol/mg	NA
Biotinylated IgG (3 biotins per IgG)	250 μg/mg	20 μg/mg

Advantages of MagnaLink Magnetic Beads vs. the Competition

Molecule	MagnaLink (2.8 μm) Binding	Competitor's (2.8 μm) Binding
Free biotin	>12 nmol/mg	650-900 pmol/mg
Biotinylated oligo (23-mer)	>0.8 nmol/mg	NA
Biotinylated IgG (4 biotins per IgG)	112.6 μg/mg	5-10 μg/mg

4FB Linker Activated Beads

NanoLink 4FB beads are ideal for direct covalent immobilization of any HyNic-modified biomolecule (HyNic = aromatic hydrazine), including HyNic-peptides, HyNic-oligonucleotides, and HyNic antibodies.

Amino-modified Beads

NanoLink Amino-modified magnetic beads are for use with water-soluble linkers.

Product	Solulink Cat. No.	Size/Quantity
NanoLink Streptavidin Magnetic Beads, 0.8 μm	M-1002-010	1 mL at 10 mg/mL
NanoLink 4FB Magnetic Beads, 0.8 μm	M-1001-010	1 mL at 10 mg/mL
NanoLink Amino Magnetic Beads, 0.8 μm	M-1000-001	1 mL at 10 mg/mL
MagnaLink Streptavidin Magnetic Beads, 2.8 μm	M-1003-010	1 mL at 10 mg/mL
MagnaLink 4FB Magnetic Beads, 2.8 μm	M-1004-010	1 mL at 10 mg/mL
MagnaLink Amino Magnetic Beads, 2.8 μm	M-1005-010	1 mL at 10 mg/mL
Magnetic Stand	S-6001-001	holds 1 x 1.5 mL tube

Consistent high binding capacity

NanoLink—850 nm particle
MagnaLink—uniform, 2.8 μm particle

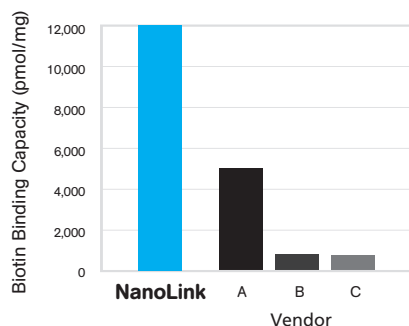
Fast (< 2 min) magnetic response time

Unique streptavidin/bead crosslinker technology

Encapsulated (no exposed iron) monodispersed microspheres

Uniform size distribution

NanoLink Advantage: Competitive Landscape of Free-Biotin Binding Capacity



For more information visit www.solulink.com



CrossLinking and Antibody Labeling Kits

BETTER RESULTS WITH EFFICIENT, EASY-TO-USE TECHNOLOGY

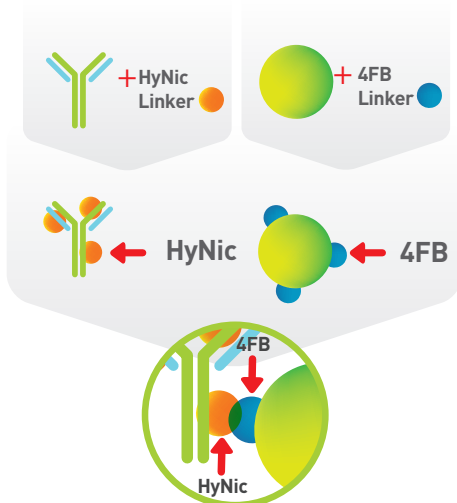
Finally, a conjugation technology that is easy to use, efficient, makes better conjugates, and is applicable to almost any conjugation project. Solulink technology is highly selective, and not susceptible to nonspecific binding, making it superior to conventional methods.

For use in: • ELISA • Immunohistochemistry • Flow cytometry

Used by research and commercial organizations worldwide to enable next-generation biomedical assays, detection systems, and protein arrays. Bulk quantities available.

What Makes Solulink CrossLinking Technology Better?

Traceability	The bond formed with HyNic and 4FB absorbs at 354 nm with a molar extinction coefficient of 29,000.
Reproducibility	Biomolecule modification can be quantified for greater batch-to-batch reproducibility.
Linker Stability	Biomolecules modified with HyNic and 4FB have extended reaction stabilities.
Bond Stability	Bonds are stable to temperatures up to 94°C and a wide pH range, pH 2–11.
Specificity	Solulink crosslinking assures formation of heteroconjugates, with no formation of homoconjugates. Reactive linkers on modified biomolecules are inert and do not react with protein functional groups.



The Solulink conjugation process summarized above shows the conjugation of two amine-containing biomolecules. Once modification is complete, simple mixing of the two biomolecules allows the two linkers to selectively react with each other, forming the product.

Easy to use

> 80% efficient conjugations

Super stable conjugates—10x better stability than any other crosslinker

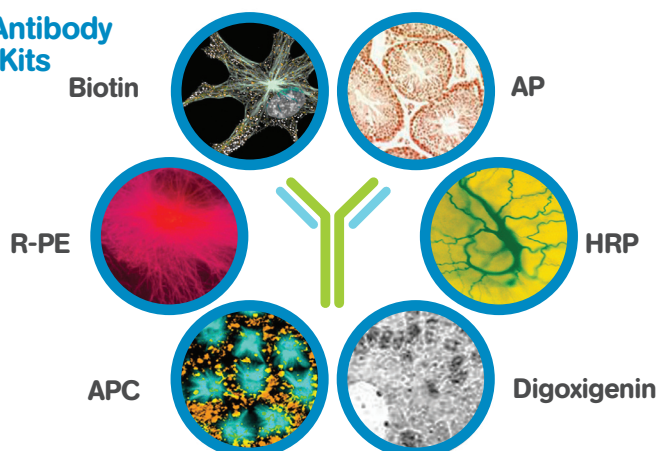
Can crosslink any biomolecules or to any surface

Quantifiable conjugates

No chromatography required

Product	Solulink Cat. No.	Size/Quantity
HRP-Antibody All-in-One Conjugation Kit	A-9002-001	Kit—conjugates 2 x 100 µg Ab
AP-Antibody All-in-One Conjugation Kit	A-9105-001	Kit—conjugates 2 x 100 µg Ab
R-PE-Antibody All-in-One Conjugation Kit	A-9001-006	Kit—conjugates 2 x 100 µg
R-PE-Antibody Conjugation Kit	P-9002-002	Kit—conjugates 2 x 1 mg Ab
APC-Antibody Conjugation Kit	P-9903-001	Kit—conjugates 2 x 1 mg Ab
All-Purpose Crosslinking Kit with S-HyNic	S-9002-1	Kit
Protein-Protein Conjugation Kit	S-9010-1	Kit—3 conjugations
Protein-Oligo Conjugation Kit	S-9011-1	Kit—2 conjugations

Solulink Antibody Labeling Kits



To order visit www.solulink.com



ChromaLink™ Biotin Labeling Kit

Biotinylate & Quantify Antibody Labeling with 1 Reagent

ChromaLink Biotin links traceable biotins on any amine-containing biomolecule or surface. The kit allows for the simple and direct UV quantification of total incorporated biotin on antibodies and other proteins.

Complete Kit:

All necessary reagents included

Built-in Quantitative Signal:

Incorporated biotin quantified by a simple absorbance 280 and 354 reading

Versatile:

Labels 25 µg to 1 mg of antibody

Safe & Economical:

Water-soluble biotin reagent, mild on antibodies; no organics needed

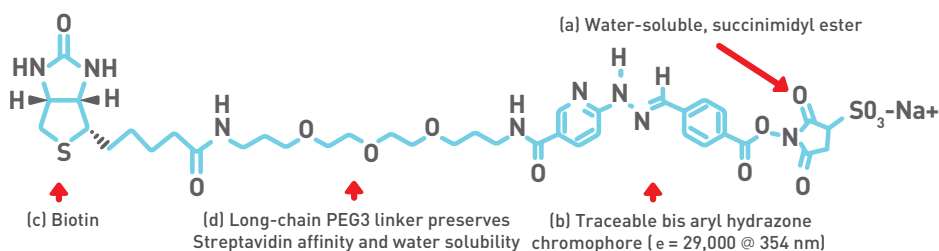
Also available for quantitative DIG

Learn more on our website:

Scientific paper: UV-Traceable Reagent for Controlled Biotinylation of Antibodies

Technology

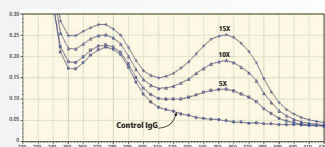
ChromaLink Biotin is the most advanced protein biotinylation reagent available. It features a water-soluble sulfo-succinimidyl ester functional group (a), which modifies protein lysine residues in an aqueous buffer. The linker is UV-traceable (b), and absorbs at 354 nm. This UV-signature permits rapid quantification of incorporated biotin (c), by means of non-destructive measurement (A_{280}/A_{354} nm). The linker possesses an extended PEG3 spacer (d), which helps preserve and maintain streptavidin/biotin affinity, while enhancing antibody solubility.



■ No HABA or fluoro-reporter assay



■ UV-traceable antibody biotinylation



■ Versatile: labels 25 µg–1 mg



■ Easy-to-use protocols on a flash drive



Quantitation is Built Into the Reagent

By simply measuring the 280 and 354 of a modified protein, the concentration and number of biotins incorporated per protein can be determined directly.

Product	Description	Solulink Cat. No.	Size/Quantity
ChromaLink Biotin Labeling Kit	Easy quantification, no HABA assay necessary	B-9007-105K	Kit-labels 5 x 1 mg protein
ChromaLink One-Shot Antibody Biotinylation Kit	New size for quick antibody labeling	B-9007-009K	Kit-labels 100 µg of Ab
ChromaLink Digoxigenin in One-Shot Antibody Labeling Kit	Only traceable DIG reagent available	B-9014-009K	Kit-labels 100 µg of Ab

For more information visit www.solulink.com

Order Today

100% Satisfaction Guarantee

Exceptional quality is of paramount importance to us. To ensure absolute consistency, each batch of every product must pass our stringent biochemical and biological/immunological testing requirements.

ChromaLink Biotin and DIG Labeling Kits

Product	Cat. No.	Size/Quantity	Price
ChromaLink Biotin Labeling Kit, Flash drive	B-9007-105K	Kit—labels 5 x 1 mg protein	\$325
ChromaLink One-Shot Antibody Biotinylation Kit	B-9007-009K	Kit—labels 100 µg of Ab	\$150
ChromaLink Digoxigenin One-Shot Antibody Labeling Kit	B-9014-009K	Kit—labels 100 µg of Ab	\$195

*Supply agreements & licenses available

Magnetic Beads

Product	Cat. No.	Size/Quantity	Price
NanoLink Streptavidin Magnetic Beads, 0.8 µm	M-1002-010	1mL at 10 mg/mL	\$250
NanoLink 4FB Magnetic Beads, 0.8 µm	M-1001-010	1mL at 10 mg/mL	\$250
NanoLink Amino Magnetic Beads, 0.8 µm	M-1000-001	1mL at 10 mg/mL	\$50
MagnaLink Streptavidin Magnetic Beads, 2.8 µm	M-1003-010	1mL at 10 mg/mL	\$295
MagnaLink 4FB Magnetic Beads, 2.8 µm	M-1004-010	1mL at 10 mg/mL	\$295
MagnaLink Amino Magnetic Beads, 2.8 µm	M-1005-010	1mL at 10 mg/mL	\$65
Magnetic Stand	S-6001-001	holds 1 x 1.5 mL tube	\$75
Bead Block	S-4023	25 mL	\$50

*Please inquire for orders >1 L

CrossLinking and Antibody Labeling Kits

Product	Cat. No.	Size/Quantity	Price
HRP-Antibody All-in-One Conjugation Kit	A-9002-001	Kit—conjugates 2 x 100 µg Ab	\$395
AP-Antibody All-in-One Conjugation Kit	A-9105-001	Kit—conjugates 2 x 100 µg Ab	\$395
R-PE Antibody All-in-One Conjugation Kit	A-9001-006	Kit—conjugates 2 x 100 µg	\$395
R-PE-Antibody Conjugation Kit	P-9002-002	Kit—conjugates 2 x 1 mg Ab	\$395
APC-Antibody Conjugation Kit	P-9903-001	Kit—conjugates 2 x 1 mg Ab	\$395
All-Purpose Crosslinking Kit with S-HyNic	S-9002-1	Kit—includes 10 mg of reagent	\$350
Protein-Protein Conjugation Kit	S-9010-1	Kit—3 conjugations	\$395
Protein-Oligo Conjugation Kit	S-9011-1	Kit—2 conjugations	\$395
NEW Antibody-Oligonucleotide All-in-One Conjugation Kit	A-9202-001	Kit—conjugates 100 µg of Ab	\$425

*Please inquire for bulk kit orders

solulink™

9853 Pacific Heights Boulevard
Suite H
San Diego, California 92121
fax 858.625.0770
phone 858.625.0670
toll-free 888.625.0670
www.solulink.com