

# Product Information

## CF® Dye Streptavidin Conjugates

See [product page](#) for a full list of product names and catalog numbers.

**Unit Size:** 1 mg

**Form:** Lyophilized powder

### Storage and Handling

Product is stable for at least 2 years at -20°C with desiccant. Upon reconstitution of the lyophilized powder in 0.5 mL PBS, store at 4°C and protect from light.

### Instructions for Reconstitution

Add 0.5 mL of PBS to 1 mg lyophilized CF® Dye Streptavidin Conjugate and mix gently to dissolve. The concentration after reconstitution will be 2 mg/mL CF® Dye Streptavidin Conjugate in 1X PBS with 0.01% sodium azide.

**Note:** Other streptavidin conjugates (of RPE, APC, or enzymes) are supplied with different formulations. See the Product Information Sheet for the specific conjugate for details.

### Spectral Properties

Visit the [product page](#) for a full list of dye options with absorption/emission maxima. Use our [Spectra Viewer](#) to view and download the full dye spectra.

## Product Description

Biotium offers a variety of streptavidin products conjugated to our outstanding CF® Dyes and other labels. CF® Dyes offer superior brightness, photostability, and signal-to-noise when compared to other commercially available fluorescent dyes. Please visit [www.biotium.com](#) for details.

Streptavidin conjugates are typically used as secondary reagents to detect biotinylated probes such as primary antibodies for flow cytometry, western blotting, immunofluorescence staining, and other applications. For most applications, a streptavidin concentration of 1-2 ug/mL is sufficient; however, optimal conditions should be determined empirically.

A full selection of CF® Dye labeled products including secondary antibodies, antibody labeling kits, and other bioconjugates such as phalloidins, annexin V and  $\alpha$ -bungarotoxin are also available.

Biotium offers a range of biotin products, as well. This includes fluorescent CF® Dye Biotin, biotinylation reagents with a full selection of reactive functional groups, and easy-to-use protein and antibody biotinylation kits. See Related Products.

## Related Products

Cat. No.	Product
20203... 20502	Biotin Monoclonal Mouse Antibody (3D6.6)
29049	HRP Streptavidin
29071	Alkaline Phosphatase Streptavidin
29048	APC Streptavidin
29044	R-PE Streptavidin
40061	RedDot™2 Far Red Nuclear Counterstain, 200X in DMSO
41033... 41040	NucSpot® Nuclear Stains
80031... 80038	CF® Dye Biotin
92244... 92286	Mix-n-Stain™ Biotin Antibody Labeling Kit
20015-1... 20895-500uL	Donkey Anti-Rabbit IgG (H+L), Highly Cross-Adsorbed
20016-1... 20892-500uL	Donkey Anti-Goat IgG (H+L), Highly Cross-Adsorbed
20018-1... 20904-500uL	Goat Anti-Mouse IgG (H+L), Highly Cross-Adsorbed
23001	EverBrite™ Mounting Medium
23002	EverBrite™ Mounting Medium with DAPI
23003	EverBrite™ Hardset Mounting Medium
23004	EverBrite™ Hardset Mounting Medium with DAPI
23005	CoverGrip™ Coverslip Sealant
23023	Mini Super <sup>HT</sup> PAP Pen 2.0, ~400 uses
23024	Super <sup>HT</sup> PAP Pen 2.0, ~800 uses
22015	Fixation Buffer
22016	Permeabilization Buffer
22017	Permeabilization and Blocking Buffer
22010	10% Fish Gelatin Blocking Buffer
22011	Fish Gelatin Powder
22014	30% Bovine Serum Albumin Solution
22002	Tween®-20

Please visit [www.biotium.com](http://www.biotium.com) to view our full selection of CF® Dye and other conjugates, including secondary antibodies, phalloidin, Annexin V, and  $\alpha$ -bungarotoxin, as well as Mix-n-Stain™ antibody labeling kits. Biotium also offers a variety of apoptosis and cell viability assays for flow cytometry analysis, including mitochondrial membrane potential dyes and NucView® 488 Caspase-3 Substrate for live cells.

CF Dye technology is covered by pending US and international patents. Tween is a registered trademark of Croda International LLC.

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