Revised February 17, 2016

Product Information

CF Dye-Dextran 10,000 MW, Anionic & Fixable

Catalog Number:

Cat. No.	Conjugate	Abs_{max} (nm)	Em_{max} (nm)
80110	CF™488A	490	515
80111	CF™543	541	560
80112	CF™555	555	565
80113	CF™568	562	583
80114	CF™594	593	614
80115	CF™640R	642	662
80118	CF™680	681	698
80116	CF™680R	680	701
80119	CF™750	755	777
80120	CF™770	770	797
80121	CF™790	784	806

Unit Size: 1 mg

Storage and Handling
Store at -20 °C and protect from light, especially when in solution. Product is stable for at least 1 year from date of receipt when stored as recommended.

Spectral Properties
See table above.

Preparation of Stock Solution
Dextran conjugates are generally soluble in water and aqueous buffers to at least 10 mg/mL. Aqueous solutions of dextrans can be stored at 2-6 °C for several weeks, with the addition of sodium azide to a final concentration of 2 mM to inhibit bacterial growth. For long-term or preservative-free storage, divide the aqueous solution into aliquots and freeze at -20 °C.

Product Description
CF dye labeled dextran 10,000 MW could be used as a fluorescent probe to study cellular processes such as cell permeability, phagocytosis, endocytosis, or to study mechanisms of biomolecular delivery. CF™ dyes are superior fluorescent dyes with exceptional brightness and remarkable photostability.

Related Products
You may also be interested in the following related products from Biotium:

- CF™ dye succinimidyl (NHS) ester, hydrazide, maleimide, aminooxy, alkyne, and azide derivatives
- CF™ dye conjugates including antibodies, streptavidin, phalloidin, transferrin, cholera toxin, BSA, lectins, nucleotides, and more
- Antibody and protein labeling kits

Please visit our website at www.biotium.com for details.

CF dye technology is covered by pending U.S. and international patents. Materials from Biotium are sold for research use only, and are not intended for food, drug, household, or cosmetic use.

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