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CF® Dye Technical Data

Dye	Abs/Em (nm)	MW (free acid form)	Sephadex® media1	Amax (nm)	Cf A260/Amax	Cf A280/Amax	ε2	Optimal DOL (IgG)
CF®350	355/450	~496	G-25	347	0.13	0.14	18,000	4-6
CF®405S	411/431	~1169	G-25	404	0.19	0.7	33,000	3-5
CF®405M	416/452	~503	G-25	408	0.24	0.13	41,000	4-6
CF®405L	413/547	~1573	G-25	395	N/A	0.5	24,000	8-12
CF®410	404/455	~242	G-25	416	0.15	0.2	46,000	5-7
CF®430	424/497	~429	G-25	426	0.21	0.044	40,000	5-8
CF®440	433/512	~479	G-25	440	0.303	0.139	40,000	5-8
CF®450	448/533	~689	G-25	450	0.205	0.2	40,000	5-8
CF®488A	490/516	~914	G-25	490	0.16	0.1	70,000	7-9
CF®503R	503/532	~1100	G-25	503	0.21	0.09	90,000	4-10
CF®505	505/519	~587	G-25	505	0.22	0.09	90,000	4-8
CF®510	513/537	~562	G-25	513	0.25	0.14	90,000	3-5
CF®514	516/549	~1216	G-25	516	0.14	0.073	105,000	5-8
CF®532	531/552	~685	G-25	527	0.11	0.06	96,000	4-7
CF®543	543/563	~887	G-25	541	0.305	0.095	100,000	4-7
CF®550R	551/577	~686	G-25	551	0.12	0.08	100,000	5-6
CF®555	554/568	~959	G-25	555	0.026	0.08	150,000	4-5, 3-6*
CF®568	562/584	~714	G-25	562	0.17	0.08	100,000	5-6
CF®570	568/592	~2998	G-25	568	0.0998	0.1	150,000	5-6
CF®583	584/606	~3127	G-75	583	0.139	0.223	150,000	5-6
CF®583R	585/609	~773	G-25	585	0.19	0.08	100,000	5-6
CF®594	593/615	~729	G-25	593	0.24	0.08	115,000	4-7
CF®597R	597/619	~800	G-25	597	0.25	0.08	100,000	5-6
CF®620R	620/643	~738	G-25	617	0.28	0.45	115,000	5-6
CF®633	629/650	~821	G-25	630	0.25	0.48	100,000	4-7
CF®640R	642/663	~832	G-50	642	0.23	0.44	105,000	4-7
CF®647	652/668	~985	G-25	650	0.01	0.03	240,000	4-5, 3-6*
CF®660C	667/685	~3024	G-75	667	0.05	0.08	200,000	3-6, 2-3*
CF®660R	662/682	~888	G-25	663	0.2	0.51	100,000	4-7
CF®680	681/698	~3153	G-75	681	0.06	0.09	210,000	3-5, 2-3*
CF®680R	680/701	~912	G-25	680	0.155	0.32	140,000	5-6
CF®700	696/721	~2474	G-75	696	0.055	0.06	240,000	3-6
CF®710	713/735	~860	G-25	712	0.11	0.07	115,000	5-6
CF®725	729/750	~890	G-25	729	0.11	0.07	120,000	5-6
CF®740	742/767	~900	G-25	742	0.132	0.08	105,000	5-6
CF®750	755/779	~2921	G-75	755	0.01	0.03	250,000	3-5, 2-3*
CF®770	770/797	~3091	G-75	770	0.041	0.06	220,000	3-5, 2-3*
CF®790	783/808	~3179	G-75	784	0.104	0.07	210,000	3-5
CF®800	797/817	~3334	G-75	797	0.09	0.08	210,000	3-5
CF®820	822/835	~2711	G-75	822	0.0459	0.07	253,000	3-6
CF®850	852/870	~2787	G-75	852	N/A	0.06	240,000	3-6
CF®870	876/896	~2773	G-75	877	N/A	0.06	240,000	3-6

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