

■ FLUOROCHROME LIST

FLUOROCHROME	EXCITATION	EMISSION	RECOMMENDED SET	ALTERNATIVE SETS
1,5 IAEDANS	336	490	31000v2	11000v3, 11004, 31013
1,6 Diphenyl-1,3,5 Hexatriene (DPH)	350	430	31000v2	11000v3, 11004, 31013
1,8-ANS	372	480	31000v2	11000v3, 11004, 31013
2', 4', 5', 7'-Tetrabromosulfonefluorescein	524	544	41011	41026, 41028, 41029
2,6 ANS	372	480	31000v2	11000v3, 11004, 31013
2,6 TNS	380	483	31000v2	11000v3, 11004, 31013
3-Hydroxypyrene 5,8,10-TriSulfonic Acid	403	513	31048	31032, 31034, 31043
4-Di-1-ASP (DASPMI)	475	605	31020	31011, 31024, 31028
4-Methylumbelliferone	385	502	31048	31032, 31034, 31043
5-(and 6-)Carboxynaphthofluorescein (high pH)	98	668	31006, 41013	41019, 41008
5-(and 6-)Carboxynaphthofluorescein (low)	512	563	41011	41001, 41028
5-Carboxyfluorescein (5-FAM)	492	518	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
5-Carboxytetramethylrhodamine (5-TAMRA)	504	529	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
5-FAM (5-Carboxyfluorescein)	492	518	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
5-HAT (Hydroxy Tryptamine)	370-415	520-540	31048	31032, 31034, 31043
5-Hydroxy Tryptamine (5-HT)	400	530	31048	31032, 31034, 31043
5-ROX (Carboxy-X-Rhodamine)	578	604	31004, 41004	41010, 41021, 41027, 41034
5-TAMRA (5-Carboxytetramethylrhodamine)	504	529	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
6-((7-amino-4-methylcoumarin-3-acetyl) amino)hexanoic acid (AMCA-X)	353	442	31000v2	11000v3, 11004, 31013
6-carboxy-2', 4, 7, 7'-tetrachlorofluorescein (6-tet)	521	536	41011	11002, 31001, 41001, 41012
6-Carboxyrhodamine 6G	518	543	41011	11002, 31001, 41001, 41012
6-JOE	520	548	41011	11002, 31001, 41001, 41012
6-tet (6-carboxy-2', 4, 7, 7'-tetrachlorofluorescein)	521	536	41011	11002, 31001, 41001, 41012
7-AAD (7-aminoactinomycin D)	546	647	31004, 41004	41010, 41021, 41027, 41034
7-amino-4-methylcoumarin (AMC)	345	445	31000v2	11000v3, 11004, 31013
7-amino-4-methylcoumarin-3-acetic acid (AMCA)	345	425	31000v2	11000v3, 11004, 31013
7-aminoactinomycin D (7-AAD)	546	647	31004, 41004	41010, 41021, 41027, 41034
7-dimethylaminocoumarin-4-acetic acid (DMACA)	370	459	31000v2	11000v3, 11004, 31013
9-amino-6-chloro-2-methoxyacridine	412	471	31016, 31037	31019, 31044v2, 11008, 11003, 31036v2
ABQ	344	445	31000v2	11000v3, 11004, 31013
Acid Fuchsin	540	630	31004, 41004	41010, 41021, 41027, 41034
ACMA	419	483	31016, 31037	31019, 31044v2, 11008, 11003, 31036v2
Acridine Orange + DNA	500	526	31001, 41001	11001, 41017, 41028, 41029, 41012
Acridine Orange + RNA	460	650	31011	31017, 31017a, 31020, 31024, 41025
Acridine Orange, both DNA & RNA	500(460)	526(650)	11001, 41012	41018, 41029
Acridine Red	455-600	560-680	11007	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Acridine Yellow	470	550	31001, 41001	11001
Acridine homodimer	431	498	31044v2	31007, 31010, 31019, 31036, 31032, 31034, 31036v2
Acriflavin	436	520	31052	31039, 31038, 31007, 31010, 31019
Acriflavin Feulgen SITSA (AFA)	355-425	460	31000v2	11000v3, 11004, 31013
AFA (Acriflavin Feulgen SITSA)	355-425	460	31000v2	11000v3, 11004, 31013
Alexa 350™	346	442	31000v2	11000v3, 11004, 31013
Alexa 430™	431	541	31010	11003, 31007, 31038, 31052
Alexa 488™	495	519	31001, 41001	11001, 41017, 41028, 41029, 41012
Alexa 532™	531	554	41011	31002, 31003, 41002, 41003, 41002b
Alexa 546™	556	573	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Alexa 555™	553	568	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Alexa 568™	578	603	31004, 41004	41010, 41021, 41027, 41034
Alexa 594™	590	617	31004, 41004	41010, 41021, 41027, 41034
Alexa 610-PE™	488	627	31011	31010, 31017a, 31024, 31028

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Alexa 633™	621	639	31023, 41008	41033, 41038, 41024
Alexa 647™	649	666	41008	41024, 31023
Alexa 647-PE™	488	666	31035	31017, 31017a, 31012
Alexa 660™	663	691	31027, 41022	41023
Alexa 680™	679	702	31029, 41022	41023
Alexa 700™	696	719	41009	31029
Alexa 750™	752	779	41030	41037
Alizarin Complexon	530-560	624-645	31004, 41004	41010, 41021, 41027, 41034
Alizarin Red	530-560	580	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Allophycocyanin (APC)	630	660	31006, 41013	31023, 41008
AMC (7-amino-4-methylcoumarin)	345	445	31000v2	11000v3, 11004, 31013
AMCA (7-amino-4-methylcoumarin-3-acetic acid)	345	425	31000v2	11000v3, 11004, 31013
AMCA-X (6-((7-amino-4-methylcoumarin-3-acetyl) amino)hexanoic acid)	353	442	31000v2	11000v3, 11004, 31013
AmCyan	458	498	42001	
Aminoactinomycin D	555	655	31004, 41004	41010, 41021, 41027, 41034
Aminocoumarin	350	445	31000v2	11000v3, 11004, 31013
Anthrovl stearate	360-381	446	31000v2	11000v3, 11004, 31013
APC-Cy7	625-650	755	41024	
APTRA-BTC	466/380	520/530	contact us	contact us
APTS	424	505	31048	31032, 31034, 31043
Astrazon Brilliant Red 4G	500	585	41011	11002, 31001, 41001, 41012
Astrazon Orange R	470	540	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Astrazon Red 6B	520	595	41011	31002, 31003, 41002, 41003, 41002b
Astrazon Yellow 7 GLL	450	480	31044v2, 31036	11003
AsRed2	576	592	42004	
Atabrine	436	490	31044v2, 31036	11003
ATTO-TAG™ CBQCA	465	560	31015	31018
ATTO-TAG™ FQ	486	591	31020	31011, 31024, 31028
Auramine	460	550	31015	31018
Aurophosphine	450-490	515	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Aurophosphine G	450	580	31015	31018
BAO 9 (Bisaminophenyloxadiazole)	365	395	31025	11004, 31056
BCECF low pH (high pH)	482(503)	520(528)	71001a	71001
Berberine Sulphate	430	550	31052	31039, 31038, 31007, 31010, 31019
Beta Lactamase (ratio)	409	447(520)	71008	71008a
Beta Lactamase (non ratio)	409	447(520)	41031	11005
Bimane	398	490	31048	31032, 31034, 31043
Bisaminophenyloxadiazole (BAO 9)	365	395	31025	11004, 31056
BisANS	395	500	31048	31032, 31034, 31043
Bisbenzamide (Hoechst 33258)	352	461	31000v2	11000v3, 11004, 31013
Bis-BTC	455/405	529/505	31048	31032, 31034, 31043
Bis-fura low Ca2+(high Ca2+)	366(338)	511(504)	71000a	71000
Blancophor FFG Solution	390	470	31048	31032, 31034, 31043
Blancophor SV	370	435	31000v2	11000v3, 11004, 31013
Blue GFP (BFP)	381	445	31021, 31041	
BOBO™-1	462	481	41014	31044v2, 31036
BOBO™-3	570	602	31004, 41004	41010, 41021, 41027, 41034
BODIPY® 492/515	490	515	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
BODIPY® 493/503	500	506	31001, 41001	11001, 41012, 41028
BODIPY® 500/510	509	515	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029

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BODIPY® 505/515	502	510	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
BODIPY® 530/550	534	554	41011	11002, 31001, 41001, 41012
BODIPY® 542/563	543	563	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
BODIPY® 558/568	558	569	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
BODIPY® 564/570	565	571	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
BODIPY® 576/589	576	590	31004, 41004	41010, 41021, 41027, 41034
BODIPY® 581/591	584	591	31004, 41004	41010, 41021, 41027, 41034
BODIPY® 630/650x	625	640	31004, 41004	41010, 41021, 41027, 41034
BODIPY® 650/665x	646	660	41008	41024, 31023
BODIPY® 665/676	665	676	41023, 31027	41022, 31029
BODIPY® FL	505	513	31001, 41001	11001, 41012, 41028
BODIPY® R6G	528	547	41011	11002, 31001, 41001, 41012
BODIPY®™R	542	574	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
BODIPY®™R-X	542	574	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
BODIPY® TR	589	617	31004, 41004	41010, 41021, 41027, 41034
Bo-Pro-1™	462	481	41014	31044v2, 31036
Bo-Pro-3™	575	599	31004, 41004	41010, 41021, 41027, 41034
Brilliant Sulphoflavin FF	430	520	31052	31039, 31038, 31007, 31010, 31019
BTC	464/401	533/529	contact us	contact us
BTC-5N	459/417	517/532	contact us	contact us
Calcein	494	517	31001, 41001	11001, 41012, 41017, 41018
Calcein Blue	373	440	31000v2	11000v3, 11004, 31013
Calcium Crimson™	588	611	41027	31004, 41004, 41010
Calcium Green™-1	506	531	31001, 41001	41028, 41029, 41012, 41011
Calcium Green™-2	506	536	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Calcium Green™-5N	506	532	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Calcium Orange™	549	576	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Calcofluor White	385/395/405	437/440/445	11003	
Carboxynaphthofluorescein - low pH(high pH)	512(598)	563(668)	contact us	contact us
Carboxy-X-rhodamine (5-ROX)	578	604	31004, 41004	41010, 41021, 41027, 41034
Cascade Blue®	377, 399	423	31009	31000v2, 11000v3, 11004, 31013
Cascade Yellow	400	550	31038	31007, 31010, 11003, 31052, 31050
Catecholamine	410	470	31037	11003, 31021, 31016, 31037, 31047
CellTracker™ Blue CMAC	353	466	31000v2	11000v3, 11004, 31013
CellTracker™ Blue CMF2HC	371	464	31000v2	11000v3, 11004, 31013
CellTracker™ Blue CMHC	372	470	31000v2	11000v3, 11004, 31013
CellTracker™ Green BODIPY®	522	529	41011	11002, 31001, 41001, 41012
CellTracker™ Green CMFDA	492	517	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
CellTracker™ Orange CM™R	541	565	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
CellTracker™ Red	577	602		
Chinacrine	450-495	515	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Chlorophyll	480	650	31017, 31017a	31012, 31011, 31035
Chromomycin A	436-460	470	31036v2, 31044v2	11003
CI-NERF	504(514)	540	41011	31001, 41001, 41028
Coriphosphine O	460	575	31015, 31018	
CoroNaRed	547(551)	570(576)	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Coumarin	384	470	31047	31041, 31000
CTC	400-450	602	31028	11003
Cy2™	489	506	31001, 41001	11001, 41012, 41017, 41018
Cy3™	552	570	41007a, 31002	11002, 41007
Cy3.1 8™	554	568	41007a, 31002	11002, 41007

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Cy3.5™	581	598	31004, 41004	41010, 41021, 41027, 41034
Cy5™	649	670	41008	41024, 31023
Cy5.1 8™	649	666	41008	41024, 31023
Cy5.5™	675	695	41023, 31027	41022, 31029
Cy7™	743	767	41009	
Cyan GFP (CFP)	434	477	31044v2	31036v2
DAMC	388	520	31048	31032, 31034, 31043
Dans (1-Dimethyl Amino Naphaline 5 Sulphonic Acid)	340	525	11000v3	11004
Dansa (Diamino Naphtyl Sulphonic Acid)	340-380	430	31000v2	11000v3, 11004, 31013
Dansyl	340	578	11000v3	11006v3
Dansyl Amine	337	515	11000v3	11004
Dansyl Cadaverine (5-dimethylaminonaphthalene-1-(N-(5-aminopentyl)sulfonamide)	335	518	11000v3, 11006v3	
Dansyl Chloride	372	518	31048	31032, 31034, 31043
Dansyl DHPE	336	517	11000v3	11004
DAPI	359	461	31000v2	11000v3, 11004, 31013
Dapoxyl	395	601	11005	31031, 31033,
Dapoxyl (2-aminoethyl) sulfonamide	373	571	11000v3	11006v3, 31031, 31033
Dapoxyl 2	374	574	11000v3	11006v3, 31031, 31033
Dapoxyl 3	373	574	11000v3	11006v3, 31031, 31033
DASPMI (4-Di-1-ASP)	475	605	31020	31011, 31024, 31028
DCFH (5-(and-6)-carboxy-2',7'-dichloro fluorescein)	505	535	41011	11002, 31001, 41001, 41012
DCVJ	456	516	31007	31010, 31015, 31018, 31052
DDAO	646	659	41019	31006, 41013, 41038
Di-12-ANEPPQ	519	719	31020	31024, 31035
Di-2-ANEPEQ	517	721	31020	31024, 31035
Di-4-ANEPPS (non-ratio)	496	705	31020	31024, 31035
Di-4-ANEPPS (ratio)	496	705	71006	contact us for emission ratio imaging
Di-8-ANEPPQ	516	721	31010	31024, 31035
Di-8-ANEPPS (non-ratio)	498	713	31020	31024, 31035
Di-8-ANEPPS (ratio)	498	713	71006	contact us for emission ratio imaging
DiA	456	591	31024	31011, 31012, 31020, 31028
DiBAC4(3)	493	516	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
DiBAC4(5)	590	616	31004, 41004	41010, 41021, 41027, 41034
DiD	644	665	31023, 41008	41019, 41024, 41033
Dihydroethidium	355	420	31056	11000v3, 11004, 31000, 31013
DiI	549	565	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
DiIC1(5)	638	658	41008	41024, 31023
DiIC18	550	565	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Dimethylamino-5-Sulphonic acid	310-370	520	31048	31032, 31034, 31043
DiO	484	502	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
DiOC18	484	501	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
DiOC2(3)	482	497	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
DiOC5(3)	484	500	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
DiOC6(3)	484	511	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
DiOC7	482	504	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Diphenyl Brilliant Flavin 7GFF	430	520	31007	31010, 31015, 31018, 31052
DiR	748	780	41009	41037
DiSBAC2(3)	535	560	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
DiSC3(5)	651	675	41008	41024, 31023

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DMACA (7-dimethylaminocoumarin-4-acetic acid)	370	459	31000v2	11000v3, 11004, 31013
DM-NERF	497(510)	527(536)	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
DND-153	442	505	31007	31010, 31015, 31018, 31052
DND-192	374	424	31000v2	11000v3, 11004, 31013
DND-160	384(329)	540(440)	contact us	Contact us
Dopamine	340	490-520	31000v2	11000v3, 11004, 31013
DPH (1,6 Diphenyl-1,3,5 hexatriene)	350	430	31000v2	11000v3, 11004, 31013
DsRed2	563	582	41002c	42005
DsRed Express	557	579	41002c	42005
DTAF (Fluorescein Dichlorotriazine)	494	520	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
EGFP	488	507	41017	41001, 41012, 41018, 41020, 41025
EL [®] 97	345	530	11000v3	11004, 11006v3
Eosin	524	545	41011	11002, 31001, 41001, 41012
ER Tracker Blue White DPX	374	535	11000v3	11004, 11006v3, 31031, 31032, 31033, 31034, 31043
Erythrosin ITC	530	558	41011	11002, 31001, 41001, 41012
Ethidium Bromide	510	595	31008, 41006	11000v3, 11002, 11007, 31002, 41002
Euchrysin	430	540	31007	31010, 31015, 31018, 31052
Fast Blue	360	440	31000v2	11000v3, 11004, 31013
Feulgen (Pararosaniline)	460	510	31018	11001, 31015, 31039, 31054
FiCRhR (cyclic AMP fluorosensor)	500	517	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
FIF	405	433	11005, 31016	31037, 31047, 41031
Fluo-3	480 - 506	520	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Fluo-4	494	516	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Fluo-4FF	494	518	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Fluo-5F	494	516	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Fluo-5N	493	518	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Fluorescamine	390	475	31000v2	11000v3, 11004, 31013
Fluorescein Dichlorotriazine (DTAF)	494	520	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Fluorescein(FITC)	490	525	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Fluorescein-5-(and-6)-sulfonic acid	476	519	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Fluorescein-EX	494	518	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Fluoro-Emerald	495	524	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Fluoro-Gold (hydroxystilbamidine)	360	450(625)	11006v3	11000v3, 11004
Fluoro-Ruby	555	582	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
FluorX	494	520	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
FluoZin-1	495	517	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
FluoZin-2	494	521	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
FluoZin-3	494	516	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
FM™ 1-43	479	598	31028, 31030	31051, 31011, 31017, 31017a
FM™ 4-64	515	740	11007v2	
FM™ 5-95	560	734	11007v2	11002
FUN-1	508	538/590	contact us	contact us
FUN-2	465	510/550	contact us	contact us
Fura Red™ ratio [w/o Ca2+(w/ Ca2+)]	473(436)	670(655)	71003	
Fura Red™-non ratio [w/o Ca2+(w/ Ca2+)]	473(436)	670(655)	31012	11001, 31017, 31017a, 31020, 31024, 31035
Fura-2 - low Ca2+(high Ca2+)	363(335)	512(505)	71000a	71000
Fura-4F - low Ca2+(high Ca2+)	363(335)	512(505)	71000a	71000
Fura-5F - low Ca2+(high Ca2+)	363(335)	512(505)	71000a	71000
Fura-6F - low Ca2+(high Ca2+)	363(335)	512(505)	71000a	71000
Fura-FF - low Ca2+(high Ca2+)	363(335)	512(505)	71000a	71000
FuraZin-1	373(325)	512(505)	71000a	71000

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Genacryl Brilliant Red B	520	590	31020	31011, 31024, 31028
Genacryl Brilliant Yellow 10GF	430	485	31036v2, 31044v2	31037, 31047, 31016, 31053
Genacryl Pink 3G	470	583	31020	31011, 31024, 31028
Genacryl Yellow 5GF	430	475	31036v2, 31044v2	31037, 31047, 31016, 31053
GFP (S65A)	471	504	41017	41001, 41012, 41018, 41020, 41025
GFP (S65C)	479	507	41017	41001, 41012, 41018, 41020, 41025
GFP (S65L)	484	510	41017	41001, 41012, 41018, 41020, 41025
GFP (S65T)	488	511	41017	41001, 41012, 41018, 41020, 41025
GFPuv	385	508	31048	31032, 31034, 31043
Glocalic Acid	405	460	31016	31047, 11005, 31053, 31036v2, 31004v2
Granular Blue	355	425	31000v2	11000v3, 11004, 31013
HcRed	588	644	41043	31004, 41004
HcRed1	488	618	41043	
Hex	535	556	41011	11002, 31001, 41001, 41012
Hexidium Iodide	518	600	31020	31011, 31024, 31028
Hoechst 33258	352	461	31000v2	11000v3, 11004, 31013
Hoechst 33342	347	483	31000v2	11000v3, 11004, 31013
Hoechst 34580	392	440	31000v2	11000v3, 11004, 31013
HPTS- low pH(high pH)	403(455)	511	31016	31007, 31010
Hydroxy Tryptamine (5-HAT)	370-415	520-540	31048	31032, 31034, 31043
Hydroxycoumarin (7-hydroxy-4-methylcoumarin-3-acetic acid)	360	455	31000v2	11000v3, 11004, 31013
Hydroxycoumarin (7-hydroxycoumarin-3-carboxylic acid)	386	448	31047	31000, 11000v3, 31041
hydroxystilbamide (Fluoro-Gold)	360	450(625)	11006v3	11000v3, 11004
Hydroxytryptamine	400	530	31050	11005, 31031, 31032, 31033, 31034
Indo-1, high calcium (low calcium)	330 (346)	401 (475)	71002	
Indo-5F, high calcium (low calcium)	347(331)	475(412)	71002	
Indodicarbocyanine	644	665	41008	31023, 41024
Indotricarbocyanine	748	780	41009	41037, 41030
IndoZin-1	350(326)	481(398)	71002	
JC-1	514	529(590)	71010, 71010a	11001, 41012, 41018
Joe	520	548	41011	11002, 31001, 41001, 41012
JOJO-1	530	545	41011	11002, 31001, 41001, 41012
Jo-Pro1	532	544	41011	11002, 31001, 41001, 41012
LaserPro	795	812	41030	41037
LAURDAN	364	497	31000v2	11000v3, 11004, 31013
LDS 751 (DNA)	543	712	11002	11007v2
LDS 751 (RNA)	590	607	31004, 41004	41010, 41021, 41027, 41034
Leucophor PAF	370	430	31000v2	11000v3, 11004, 31013
Leucophor SF	380	465	31000v2	11000v3, 11004, 31013
Leucophor WS	395	465	31000v2	11000v3, 11004, 31013
Lissamine Rhodamine	570	590	31004, 41004	41010, 41021, 41027, 41034
Lissamine Rhodamine B	570	590	31004, 41004	41010, 41021, 41027, 41034
LOLO-1	566	580	31004, 41004	41010, 41021, 41027, 41034
LO-PRO-1	568	581	31004, 41004	41010, 41021, 41027, 41034
Lucifer Yellow	428	540	31010	11003, 31007, 31038, 31052
Lucigenin	455	505	31007	31010, 31015, 31018, 31052
LysoSensor™ Blue (DND-167)	374	424	31000v2	11000v3, 11004, 31013
LysoSensor™ Green (DND-153)	442	505	31007	31010, 31015, 31018, 31052
LysoSensor™ Green (DND-189)	443	505	31007	31010, 31015, 31018, 31052

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LysoSensor™ Yellow/Blue (DND-160)	384(329)	540(440)	contact us	contact us
LysoTracker™ Blue (DND-22)	373	422	31000v2	11000v3, 11004, 31013
LysoTracker™ Blue/White (DPX)	466	536	31001, 41001	11001, 11003, 41012, 41017, 41018
LysoTracker™ Green (DND-26)	504	511	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
LysoTracker™ Red (DND-99)	577	592	31004, 41004	41010, 41021, 41027, 41034
LysoTracker™ Yellow (HCK-123)	534	551	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Magdala Red (Phloxin B)	524	600	31020	31011, 31024, 31028
Mag-Fura™ Red	483/427	659/631	31012, 71003	11001, 31017, 31017a, 31020, 31024, 31035
Mag-Fura-2 (Ca2+)	369/329	508	71000a	71000
Mag-Fura-2 (Mg2+)	369/330	511/491	71000a	71000
Mag-Fura-5 (Ca2+)	369/330	505/500	71000a	71000
Mag-Fura-5 (Mg2+)	369/332	505/482	71000a	71000
Mag-Indo-1 (Ca2+)	349/328	480/390	71002	
Mag-Indo-1 (Mg2+)	349/330	480/417	71002	
Magnesium Green™	506	531	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Magnesium Orange™	550	575	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Marina Blue	360	465	31000v2	11000v3, 11004, 31013
Maxilon Brilliant Flavin 10 GFF	450	495	41014	41017, 41018
Maxilon Brilliant Flavin 8 GFF	460	495	41014	41017, 41018
MEQ	344	442	31000v2	11000v3, 11004, 31013
Merocyanine 540	555	578	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Methoxycoumarin	360	410	31000v2	11000v3, 11004, 31013
MitoTracker™ Deep Red	644	665	41008	31023, 31006, 41013
MitoTracker™ Green FM	490	516	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
MitoTracker™ Orange	551	576	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
MitoTracker™ Red CM-H2XRos	578	599	31004, 41004	41010, 41021, 41027, 41034
MitoTracker™ Red CMXRos	578	599	31004, 41004	41010, 41021, 41027, 41034
Mitramycin	450	470	31037	41014
MQAE	350	460	31000v2	11000v3, 11004, 31013
mRFP-1	584	607	41043, 31004, 41004	41010, 41021, 41027, 41034
Naphthofluorescein	602	672	31006, 41013	31023, 41008, 31004, 41004
NBD	466	539	31018	31015, 31038, 31052, 31054
NBD Amine	450	530	31018	31015, 31038, 31052, 31054
NeuroTrace™ 515/535	515	535	41011	11002, 31001, 41001, 41012
NeuroTrace™	497	524	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
NeuroTrace™ 435/455	435	455	31037	41014
NeuroTrace™ 500/525	500	525	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
NeuroTrace™ 530/615	530	615	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
NeuroTrace™ 640/660	640	660	31023, 41008	31006, 41013
Neutral Red	541	640	31004, 41004	31046, 41005, 41010, 41021
Newport Green™ DCF	506	535	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Newport Green™ PDX	490	518	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Nile Blue	631	660	31023, 41008	31006, 41013
Nile Red	552	636	31004, 41004	31046, 41005, 41010, 41021
Nitrobenzoxadidole	465	510-650	31001, 41001	11007v2, 41012, 41018
Nonyl Acridine Orange	495	519	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Noradrenaline	340	490-520	11000v3	
Nuclear Fast Red	289-530	580	11000v3	11006v3
Nuclear Yellow (Hoechst S769121)	355	495	31057	11000v3, 31000

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Nylosan Brilliant Flavin E8G	460	510	41014	41017, 41018
Oligreen	498	518	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Oregon Green™	503	522	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Oregon Green™ 488	490	514	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Oregon Green™ 488-x	494	517	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Oregon Green™ 500	497	517	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Oregon Green™ 514	506	526	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Oxonol V	610	639	31004, 41004	41010, 41021, 41027, 41034
Oxonol VI	599	634	31004, 41004	41010, 41021, 41027, 41034
Pacific Blue	405	455	31037	11005, 31016, 31021, 31041, 31047
Pararosaniline (Feulgen)	460	510	41014	41017, 41018
PBFI	340/380	505	71000a	71000
PE-Cy5	488	670	31035	31012, 31017
PE-Cy7	488	755	31017a	
Pentafluorobenzoyl aminofluorescein (PFB-F)	492	516	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
PerCP	488	675	31035	31012, 31017
PerCP-Cy5.5™	488	710	31017a	
PE-Texas Red®	488	613	31020	31011, 31024, 31028
PFB-F (pentafluorobenzoyl aminofluorescein)	492	516	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Phen Green™ FL	492	517	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Phen Green™ SK	507	532	31001, 4100	11001, 41012, 41017, 41018, 41028, 41029
Phloxin B (Magdala Red)	524	600	31058	
Phorwite AR Solution	360	430	31000v2	11000v3, 11004, 31013
Phorwite BKL	370	430	31000v2	11000v3, 11004, 31013
Phorwite Rev	380	430	31000v2	11000v3, 11004, 31013
Phorwite RPA	375	430	31000v2	11000v3, 11004, 31013
Phosphine 3R	465	565	31015	31018, 31038, 31052, 31054
PhotoResist	365	610	11009	11000v3, 11006v3
Phycoerythrin B [PE]	565	575	31003, 41003	11002, 31002, 31002a, 41002, 41002a, 41002b, 41002c
Phycoerythrin R [PE]	565	578	31003, 41003	11002, 31002, 31002a, 41002, 41002a, 41002b, 41002c
PicoGreen®	502	523	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
PKH26 (Sigma)	551	567	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
PKH67	496	520	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
POPO™-1	434	456	31036v2, 31044v2	
POPO™-3	534	570	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
POPRO™-1	435	455	31036v2, 31044v2	
POPRO™-3	539	570	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Primuline	410	550	31048	31032, 31034, 31043
Procion Yellow	470	600	31020	31011, 31024, 31028
PRODAN	361	498	31000v2	11000v3, 11004
Propidium Iodide	536	617	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
ProQ Emerald	280	530	11000v3	11006v3
PyMPO	415	570	31048	31032, 31034, 31043
Pyrene	360	387	31057v2	
Pyronine	410	540	31048	31032, 31034, 31043
Pyronine B	540-590	560-650	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Pyrozal Brilliant Flavin 7GF	365	495	31000v2	11000v3, 11004, 31013, 31057v2
Quinacrine Mustard	440	510	31007	31010, 31019, 31038, 31052, 31054
RedoxSensor Red CC-1	540	600	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c

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Resorufin	571	585	41010	31004, 31004, 41027, 41034
RH 237	528	782	11002	11007v2
RH 414	532	716	11002	11007v2
RH 421	515	704	11002	11007v2
RH 795	530	712	11002	11007v2
Rhod-2	548(552)	-578	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Rhod-2	552	576	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Rhodamine	550	573	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Rhodamine 110	496	520	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Rhodamine 123	507	529	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Rhodamine 5 GLD	470	565	31015	11001, 41012, 41017, 41018
Rhodamine 6G	525	555	41011	11002, 31001, 41001, 41012
Rhodamine B	540	625	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Rhodamine B 200	523-557	595	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Rhodamine B extra	550	605	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Rhodamine BB	540	580	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Rhodamine BG	540	572	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Rhodamine Green™	502	527	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Rhodamine Red™	570	590	31004, 41004	41010, 41021, 41027, 41034
Rhodamine Red™-X	570	590	31004, 41004	41010, 41021, 41027, 41034
RhodZin-1	553	582	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Ribogreen	500	570	31020	31011, 31024, 31028
rsGFP	498	516	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
Sapphire GFP	395	511	31043	31032, 31034, 31048
SBFI	339(333)	565(539)	71000a	71000
Serotonin	365	520-540	11006v3	11000v3
Sevron Brilliant Red 2B	520	595	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Sevron Brilliant Red 4G	500	583	31020	31011, 31024, 31028
Sevron Brilliant Red B	530	590	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Sevron Orange	440	530	31010	31007, 31052, 31038
Sevron Yellow L	430	490	31036v2, 31044v2	
sgBFP (super glow)	387	450	31021, 31041	
sgGFP (super glow)	474	509	41017	41001, 41012, 41018, 41020, 41025
SNAFL®-1	508/540	543/623	71004	
SNAFL®-2	514/543	546/630	71004	
SNARF®-1, high pH (low pH)	576 (548)	635 (587)	71005	71005a, 71005b, 71005c
SNARF®-4F, high pH (low pH)	576 (548)	635 (587)	71005	71005a, 71005b, 71005c
SNARF®-5F, high pH (low pH)	576 (548)	635 (587)	71005	71005a, 71005b, 71005c
Sodium Green™	506	532	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
SPQ	344	443	31025	11000v3, 31000
Stilbene	335	440	31056	11000v3, 11004
Sulforhodamine 101	586	605	31004, 41004	41010, 41021, 41027, 41034
Sulphorhodamine B can C	520	595	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Sulphorhodamine G Extra	470	570	31015	11001, 41012
SYBR® DX	475	499	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
SYBR® Gold	495	537	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
SYBR® Green I	498	522	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
SYBR® Green II	492	513	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
SYPRO® Orange	300/470	570	31020	31011, 31024, 31028,

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SYPRO® Red	300/550	630	31004, 41004	41010, 41021, 41027, 41034
SYPRO® Rose	350	610	11009	11004, 11000v3, 11006v3
SYPRO® Ruby	462(278)	610	31020	31011, 31024, 31028
SYPRO® Tangerine	300/490	640	31020	31011, 31024, 31028
SYTO® 11	508	527	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
SYTO® 12	499	522	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
SYTO® 13	488	509	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
SYTO® 14	517	549	41011	11002, 31001, 41001, 41012
SYTO® 15	516	546	41011	11002, 31001, 41001, 41012
SYTO® 16	488	518	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
SYTO® 17	621	634	31006	41013, 31004, 41004
SYTO® 20	512	530	41011	11002, 31001, 41001, 41012
SYTO® 21	494	517	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
SYTO® 22	515	535	41011	11002, 31001, 41001, 41012
SYTO® 23	499	520	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
SYTO® 24	490	515	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
SYTO® 25	521	556	41011	11002, 31001, 41001, 41012
SYTO® 40	420	441	31036v2, 31044v2	
SYTO® 41	430	454	31036v2, 31044v2	
SYTO® 42	433	460	31036v2, 31044v2	
SYTO® 43	436	467	31036v2, 31044v2	
SYTO® 44	446	471	31036v2, 31044v2	
SYTO® 45	452	484	31036v2, 31044v2	
SYTO® 59	622	645	31006	41013, 31004, 41004
SYTO® 60	652	678	41008	41024, 31023
SYTO® 61	628	645	31006	41013, 31004, 41004
SYTO® 62	652	676	41008	41024, 31023
SYTO® 63	657	673	41008	41024, 31023
SYTO® 64	599	611	31004, 41004	41010, 41021, 41027, 41034
SYTO® 80	531	545	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
SYTO® 81	530	544	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
SYTO® 82	541	560	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
SYTO® 83	543	559	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
SYTO® 84	567	582	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
SYTO® 85	567	583	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
SYTOX® Blue	445	470	31036v2, 31044v2	
SYTOX® Green	504	523	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
SYTOX® Orange	547	570	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
TET	521	536	41011	11002, 31001, 41001, 41012
Tetracycline	390-425	525-560	11000v3	11005, 31010
Tetramethylrhodamine Ethyl	549	574	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Tetramethylrhodamine	550	574	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Tetramethylrhodamine	555	576	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Tetramethylrhodamine Methyl	549	573	31002, 41002	11002, 31003, 31002a, 41003, 41002a, 41002b, 41002c
Texas Red®	595	620	31004, 41004	41010, 41021, 41027, 41034
Texas Red®-X	595	615	31004, 41004	41010, 41021, 41027, 41034
Thioflavin S	430	550	31052	31010, 31007, 31038
Thioflavin T	350	450	31000v2	11000v3, 11004, 31013
TMA-DPH	355	430	31000v2	11000v3, 11004, 31013

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TMAP-DPH	354	429	31000v2	11000v3, 11004, 31013
TO-PRO™-1	515	531	41011	11002, 31001, 41001, 41012
TO-PRO™-3	642	661	41008	41024, 31023
TO-PRO™-5	747	777	41009	41037
TOTO®-1	514	533	41011	11002, 31001, 41001, 41012
TOTO®-3	642	660	41008	41024, 31023
True Blue	365	425	31000v2	11000v3, 11004, 31013
wtGFP	395/475	509	41014	31019, 31054, 41015, 41017
X-Rhodamine	580	605	31004, 41004	41010, 41021, 41027, 41034
Yellow GFP	513	527	41028, 41029	31001, 41001
YO-PRO™-1	491	509	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
YO-PRO™-3	612	631	31004, 41004	41010, 41021, 41027, 41034
YOYO®-1	491	509	31001, 41001	11001, 41012, 41017, 41018, 41028, 41029
YOYO®-3	612	620	31004, 41004	41010, 41021, 41027, 41034
ZsGreen	483	505	42002	
ZsYellow	529	539	42003	



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