

Флуорофоры	Пики		Оптические фильтры для Mithras, TriStar, Twinkle			
	Возбуждение	Испускание	Возбуждение	Кат. №	Испускание	Кат. №
3-Hydroхуруре 5,8,10-tri Sulfonic acid	400	515				
5-Hydroxy Tryptamine	380 415	520 530				
5-Hydroxy Tryptamine (5-HT)	400	530				
Acid Fuchsin	540	630				
ACMA	430	475				
Acridine Orange (bound to DNA)	500	525	485/14	40271	535/25	40273
Acridine Orange (+ RNA)	470	655	485/14 470/10 (12,7)	40271 39801	650/10	40098
Acridine Red	455 600	560 680				
Acridinge Yellow	470	520				
Acriflavin	435	550				
AFA (Acriflavin Feulgen SITSA)	355 425	460				
Alamar Blue	560	590	530/10 540/10	37996 39803	600/10 610/10	40095 40096
Alexa Fluor (R) 350	350	440	355/40	40270	460/25	40272
Alexa Fluor (R) 430	430	540	430/10	39500	535/25	40273
Alexa Fluor (R) 488	500	520	485/14	40271	535/25	40273
Alexa Fluor (R) 532	530	555	520/10	39802	570/7	37987
Alexa Fluor (R) 546	555	570				
Alexa Fluor (R) 555	555	570	530/10 540/10	37996 39803	590/20	37989
Alexa Fluor (R) 568	575	605	560/8	37998	640/20	39422
Alexa Fluor (R) 594	590	620	578/10	39804	640/20	39422
Alexa Fluor (R) 633	630	650	530/10 610/10	37996 40092	665/10	37990
Alexa Fluor (R) 647	655	670	630/10	40090	700/10	
Alexa Fluor (R) 660	670	690				
Alexa Fluor (R) 680	680	700				
Alizarin Complexon	530 560	580				
Alizarin Red	530 560	580	530/10	37996	590/20	37989
Allophycocyanin	650	660	610/10	40092	665/10	37990
AMCA-X	350	445	355/40	40270	460/25	40272
AmCyan	455	480				
Aminoactinomycin D	555	660				
Aminocoumarin	350	445	355/40	40270	460/25	40272
7-Amino-4-Methylcoumarin	350	445	355/40	40270	460/25	40272
7-Aminoactinomycin D (7-AAD)	545	645				
Anthroyl Stearate	360 380	445				
ANS	375	480				
Astrazon Brilliant Red 4G	500	585				
Astrazon Orange R	470	540				
Astrazon Red 6B	520	595				
Astrazon Yellow 7 GLL	450	480				
Atabrine	435	490				
Auramine	460	550				
Aurophosphine	450 490	515				
Aurophosphine G	450	580				
BAO 9 (Bisaminophenylloxadiazole)	365	395				
BCECF pH 5,5	455 485	520	450/10 485/14	40599 40271	535/25	40273
BCECF pH 9,0	500	525	485/14 500/10	40271 39501	535/25	40273
Berberine Sulphate	430	550				

Bisbenzamide	360	600 610				
Blancophor FFG Solution	390	470				
Blancophor SV	370	435				
BOBO 1	460	480				
BODIPY FL	485	535	485/14	40271	535/25	40273
BODIPY TR-X	590	645	590/7 578/10	41025 39804	650/10	40098
BODIPY (R) 530/550	530	545				
BODIPY (R) 630/650-X	630	640				
BODIPY (R) 650/665-X	650	665				
BODIPY (R) FL	505	515	485/14	40271	535/25	40273
BODIPY (R) R6G	525	545	500/10 510/10	39501 39453	570/7 580/10	37987 37988
BODIPY (R) TMR	545	575	540/10 530/10	39803 37996	600/10 590/20	40095 37989
BODIPY (R) TR	585	620	578/10 570/10	39804 41024	640/20 650/10	39422 40098
BOPRO 1	460	480				
BO-PRO (TM)-1	420	470				
BP-PRO (TM)-3	570	605				
Brilliant Sulphoflavin FF	430	520				
C-phycoerythrin	620	645				
Calcein	485	535	485/14	40271	535/25	40273
Calcein Blue	370	435				
Calcium Crimson	585	610				
Calcium Green	485	530	485/14	40271	535/25	40273
Calcium Orange	550	570				
Calcofluor RW Solution	370	440				
Calcofluor White	440	500 520				
Calcophor White ABT Solution	380	475				
Calcophor White Standart Solution	365	435				
5-Carboxyfluorescein (5-FAM)	480	520	485/14	40271	535/25	40273
5-Carboxynaphthofluorescein	590	680				
5-Carboxytetramethylrhodamine (5-TAMRA)	555	575	540/10 530/10	39803 37996	600/10 590/20 580/10	40095 37989 37988
6-Carboxyrhodamine 6G	525	545	500/10 510/10	39501 39453	570/7 580/10 560/10	37987 37988
Cascade Blue	400	425				
Cascade Yellow	400	550				
Catecholamine	410	470				
CBQCA	465	550				
CFDA (Carboxyfluorescein Acetate)	485	535				
CFP (Cyan Fluorescent Protein)	435	475 (500)	430/10	39500	480/20 460/25 495/10	38535 40272 39798
Chinacrine	450 490	515				
Chlorophyll a	(407) 423	665	420/10	39452	665/10	37990
Chlorophyll b	452	650	460/10	39800	640/20	39422
CI-NERF pH 2.5	505	540				
CI-NERF pH 6.0	515	540				
Coriphosphine O	460	575				
Coumarin-Phalloidin	385	470				
CPM	390	480				
6-CR 6G	525	545				
CTC Formazan	480 (430)	630				
CY 3	(520) 555	570 (605)	530/10	37996	590/20 600/10	37989 40095

CY 5	(600) 650	665	610/10	40092	665/10	37990
CY 7	710	805				
Cy2(R)	490	505				
Cy3(R)	(520) 555	570 (605)	530/10	37996	590/20 600/10	37989 40095
Cy5.5(R)	675	690				
Cy7(R)	740	760				
CyQuant	485	535	485/14	40271	535/25	40273
DABA (Diaminobenzoic Acid)	420	550				
Dans (1-Dimethyl-Amino-Naphtalene-5-Sulfonic Acid)	340	530				
Dansa (Diaminonaphthyl-5-sulfonic acid)	340 380	430				
Dansyl cadaverine	350	525				
Dansyl (NH-CH3 in water)	340	580				
DAPI	350	470	355/40	40270	460/25	40272
Dapoxyl (2-aminoethyl)sulfonamide	370	575				
DCF (Dichlorofluorescein)	485	535				
Di-4 ANEPPS	480	620				
Di-8 ANEPPS	475	630				
DiA (4-Di-16-ASP)	455	580				
DiD (DiIC18(5))	650	670				
DiI (DiIC18(3))	550	570				
Dimethylamino-5-sulfonic acid	310 370	520				
DiO (DiOC18(3))	480	500				
Diphenyl Brilliant Flavine 7GFF	430	520				
DiR (DiIC18(7))	760	780				
DM-NERF (pH 7.0)	510	540				
Dopamine	340	490 520				
DsRed (Red Fluorescent Protein)	(485) (525) 555	580	525/45 (Mithras, TriStar) 520/10 530/10 485/14 550/9	38520 39802 37996 40271 37997	600/10 610/10 590/20	40095 40096 37989
EDANS	340	490	340/10		495/10	39798
ELF (R)-97 alcohol	345 (295)	530				
Eosin	485	550				
Erythrosin	535	555				
Erythrosin ITC	520	560				
Ethidium Bromide	520	605	520/10	39802	610/10	40096
Ethidium homodimer-1	530	620	530/10	37996	610/10 640/20	40096 39422
Euchrysin	430	540				
5-FAM (5-Carboxyfluorescein)	490	520	485/14	40271	535/25	40273
FIF (Formaldehyde Induced Fluorescein)	405	435				
FITC (Fluorescein Isothiocyanate)	485	535	485/14	40271	535/25	40273
Flazo Orange	375-530	610				
Fluo-3	485	535				
Fluo-4	490	520				
Fluorescein (FITC)	490	520	485/14	40271	535/25	40273
Fluoro-Gold (TM) (high pH)	400	600				
Fluoro-Gold (TM) (low pH)	345	415				
Fluoro-Jade	485	515				
FluorX (R)	495	520				
FM(R) 1-43	470	580				
FM(R) 4-64	510	750				
Fun-1	485	535/620				
Fun-2	450	500/550				
Fura-2 (calcium-free)	340-380	510	340/10	40086	510/25	40094
Fura-2 (high calcium)	370	500	380/10	40087	510/25	40094

Fura-Red(TM) (calcium-free)	470	675				
Fura-Red(TM) (high calcium)	440	660				
Genacryl Brilliant Red B	520	590				
Genacryl Brilliant Yellow 10GF	430	485				
Genacryl Pink 3G	470	585				
Genacryl Yellow 5GF	430	475				
GFP (enhanced)	490	510	485/14 470/10 (12,7)	40271 39801	520/10 535/25 515/20	39805 40273 39449
GFP wt	390 490	505	390/20 485/14	37993 40271	535/25 520/10	40273 39805
GFP red-shifted (Emerald)	485	505	485/14 470/10 (12,7)	40271 39801	535/25 520/10	40273 39805
GFP-UV (Sapphire)	400	515	390/20 405/10	37993 40598	515/20	39449
Gloxic Acid	405	460				
Granular Blue	355	425				
Haematoporphyrin	530-562	580				
Hexidium Iodine	485	620				
Hoechst 33258	365	460	355/40	40270	460/25	40272
Hoechst 33342	355	460	355/40	40270	460/25	40272
HPAA (Hydroxyphenylacetic Acid)	355	460	355/40	40270	460/25	40272
7-Hydroxy-4-methylcoumarin (ph 9)	360	450	355/40	40270	460/25	40272
Indo-1 (calcium-free)	350	480	355/40	40270	480/20	38535
Indo-1 (high calcium)	330	400	355/40	40270	405/10	38049
Intrawhite Cf Liquid	360	430				
6-JOE	520	550				
JC-1	590 (500)	595	485/14 500/10	40271 39501	590/20 600/10	37989 40095
JOJO(TM)-1	525	545				
JO-PRO(TM)-1	530	545				
Leucophor PAF	370	430				
Leucophor SF	380	465				
Leucophor WS	395	465				
Lissamine Rhodamine B200 (RD200)	575	595				
LO-PRO(TM)-1	570	580				
LOLO(TM)-1	570	580				
Lucifer Yellow CH (425)	420	530				
Lucifer Yellow VS	430	535				
LysoSensor(TM) Blue (pH 5)	375(360, 395)	425(400,450)				
LysoSensor(TM) Green (pH 5)	450	500				
LysoSensor(TM) Yellow/Blue (pH 3)	380	540				
LysoSensor(TM) Yellow/Blue (pH 9.0)	335	530				
LysoTracker(R)Blue	375(355, 395)	425(400,450)	355/40	40270	460/25	40272
LysoTracker(R) Green	505	510				
LysoTracker(R) Red	575	585				
Mag-Fura-2 (high Mg)	330	500				
Mag-Fura-2 (Mg-free)	370	510				
Magdala Red	525	600				
Magnesium Green(TM)	510	535				
Magnesium Orange(TM)	550	575				
Marina Blue(R)	360	460	355/40	40270	460/25	40272
Maxilon Brilliant Flavin 10 GFF	450	495				
Maxilon Brilliant Flavin 8 GFF	460	495				
Methylumbelliferone	355	460	355/40	40270	460/25	40272
Mithramycin	400	530				
MitoTracker(R) Green	490	510				
MitoTracker(R) Orange	550	575				
MitoTracker(R) Red	575	600				

MPS (Methyl Green Pyronine Stilbene)	365	395				
NanoOrange	485	590	485/14	40271	590/20	37989
NBD Amine	450	530				
NBD-X	465	540				
NeuroTrace 500/525	495	525				
Nile Blue	630	660				
Nile Red	550	640				
Nitrobenzoxadidole	460-470	510-650				
Noradrenaline	340	490-521				
Nuclear Fast Red	290-530	580				
Nuclear Yellow	365	495				
Nylosan Brilliant Flavin E8G	460	510				
OliGreen	485	535	485/14	40271	535/25	40273
Oregon Green(R) 488	495	525	485/14	40271	535/25	40273
Oregon Green(R) 500	500	525				
Oregon Green(R) 514	515	535				
Pacific Blue(TM)	405	455				
Pararosaniline (Feulgen)	570	625				
PBF1	330	475				
Phorwite AR Solution	360	430				
Phorwite BKL	370	430				
Phorwite Rev	380	430				
Phorwite RPA	375	430				
Phosphine 3R	465	565				
Photofrin	395	610				
Phycoerythrin R	480-565	578				
PicoGreen(R)	505	525	485/14	40271	535/25	40273
PKH26	560(525)	575				
Pontochrome Blue Black	535-555	605				
PO-PRO(TM)-1	435	505				
PO-PRO(TM)-3	540	575				
POPO(TM)-1	435	455				
POPO(TM)-3	540	570				
Primuline	410	550				
Procion Yellow	470	600				
Hexidium Iodide	485	620	485/14	40271	640/20 610/10	39422 40096
PRO-Q Emerald 300	290	530				
Proflavine	445	510				
Propidium Iodide	540	620	540/10 530/10	39803 37996	640/20 610/10	39422 40096
Pyronine B	410	540				
Pyronin B	540-590	560-650				
Pyronin Y	560	580				
Pyrozal Brilliant Flavin 7 GF	365	495				
Quinacrine Mustard	415	500				
R-phycoerythrin	560	650	560/8 550/9	37998 37997	650/10 665/10	40098 37990
R-phycoerythrin (PE)	(495) (540) 565	575	485/14 540/10 560/8	40271 39803 37998	580/10 590/20 600/10	37988 37989 40095
Resorufin	(535) 570	585	540/10 530/10	39803 37996	590/20 600/10	37989 40095
RH-414	490	660				
Rhod-2	555	580	540/10 530/10	39803 37996	600/10 590/20 580/10	40095 37989 37988
Rhodamine 110	495	520	485/14	40271	535/25	40273
Rhodamine 123	510	530	500/10 485/14	39501 40271	550/10	39796
Rhodamine 5 GLD	470	565	470/10	39801	570/7	37987
Rhodamine 6G	525	550	520/10	39802	570/7 580/10 590/20	37987 37988 37989
Rhodamine B	540	565	530/10	37996	570/7 590/20	37987 37989
Rhodamine B 200	525-555	595	530/10	37996	570/10 590/20	37987 37989

Rhodamine B Extra	540	605	540/10 530/10	39803 37996	580/10 590/20 600/10	37988 37989 40095
Rhodamine B G	540	570	530/10	37996	570/7 590/20	37987 37989
Rhodamine Green(TM)	495	525	485/14	40271	535/25	40273
Rhodamine Phalloidin	560	575	540/10	39803	600/10	40095
Rhodamine Red(TM)	570	590	560/8	37998	610/10	40096
Rhodamine WT	530	555				
Rose Bengal	540	550-600				
5-ROX (carboxy-X-rhodamine)	575	605				
SBFI (high Na)	340	555				
SBFI (Na-free)	340	525				
Serotonin	365	520-540				
Sevron Brilliant Red 2B	520	595				
Sevron Brilliant Red 4G	500	585				
Sevron Brilliant Red B	530	590				
Sevron Orange	440	530				
Sevron Yellow L	430	490				
SITS (Primuline)	395-425	450				
SITS (Stilbene Isothiosulfonic Acid)	365	460				
SNAFL(R)-1 (pH 6.1)	515(485)	540				
SNAFL(R)-1 (pH 9.1)	540	615				
SNAFL(R)-2 (pH 6.1)	510(480)	540				
SNAFL(R)-2 (pH 9.1)	550	630				
Snarf 1 pH 6,00 (Nebenmaximum ;565)	520	640				
SNARF(R)-1 (pH 6.0)	550(515)	590				
SNARF(R)-1 (pH 9.0)	575	645				
Sodium Green(TM)	505	535				
SpectrumAqua(R)	435	480				
SpectrumBlue(R)	400	450				
SpectrumFRed(R)	655(610)	675				
SpectrumGold(R)	530	555				
SpectrumGreen(R) #1	495	525				
SpectrumGreen(R) #2	495	525				
SpectrumOrange(R)	560	585				
SpectrumRed(R)	595(555)	620				
Stilbene	335	440				
Sulforhodamine 101	560	535				
Sulforhodamine B Can C	520	595				
Sulforhodamine G Extra	470	570				
SYBR Green	495	520	485/14	40271	535/25	40273
SYTO 9	485	535	485/14	40271	535/25	40273
SYTO(R) 11	510	525				
SYTO(R) 13	490	505	485/14	40271	535/25	40273
SYTO(R) 17	620	640				
SYTO(R) 45	450	490				
SYTOX	485	535				
SYTOX(R) Blue	445	470				
SYTOX(R) Green	505	525				
SYTOX(R) Orange	545	570				
5-TAMRA (5-Carboxytetramethylrhodamine)	555	575	540/10 530/10	39803 37996	580/10 590/20 600/10	40095 37989
Tetramethylrhodamine(TRITC)	550	575	540/10 530/10	39803 37996	580/10 590/20 600/10	40095 37989
Tetracycline	390	560				
Texas Red (R)/Texas Red(R)-X	(550) 595	615				
Thiazine Red R	510	580				
Thioflavin 5	430	550				
Thioflavin S	430	550				
Thioflavin TCN	350	460				
Thiolyte	370-385	475-485				
Thiozol Orange	455	480				
TO-PRO(R) -1	520	535				

TO-PRO(R) -3	645	655				
TOTO(R)-1	520(485)	535				
TOTO(R)-3	640(600)	660				
TOTO 1 (Schulter; 515)	485	535				
TOTO 3	640	575				
TRITC (Tetramethyl Rhodamine Isothiocyanate)	555	660				
True Blue	365	420-430				
Ultralite	655	680				
Uranine B	420	520				
Uvitex SFC	365	435				
WW 781	620	640				
X-Rhodamine (XRITC)	570	590				
XRITC	575	600				
Xylene Orange	545	580				
YFP(Yellow Fluorescent Protein)	515	525	485/14	40271	535/25	40273
YO-PRO(R)- 1	490	510	485/14	40271	535/25	40273
YO-PRO(R)- 3	615	635				
YOYO(R)-1	490	505	485/14	40271	535/25	40273
YOYO(R)-3	615	635				
ZsGreen	490	505				
ZsYellow	530(495)	540				