

YALE AURORA FLUOR TAGS (as of 09-29-2026)

FLUOR TAG GROUP	Fluorochrome	ExMax	EmMax	Aliases
BLUE Laser (488nm)	Alexa Fluor 488	488	520	Alexa488,Alexa 488,AlexaFluor 488,AlexaFluor488,AF488
	Alexa Fluor 532	532	554	Alexa532,Alexa 532,AlexaFluor 532,AlexaFluor532
	BB515	490	515	BB 515
	BB630	488	631	
	BB660	488	667	
	BB700	485	693	BB 700
	BB755	488	755	
	BB790	488	793	
	cFluor B515	490	515	cFluorB515
	cFluor B520	490	520	cFluorB520
	cFluor B532	490	532	cFluorB532
	cFluor B548	554	548	cFluorB548
	cFluor B675	554	675	cFluorB675
	cFluor B690	490	690	cFluorB690
	CFSE	490	520	
	FITC	488	520	fluorescein,Fluorescein
	KIRAVIA Blue 520	488	520	
	mNeonGreen	488	517	mNG
	NovaFluor Blue 510	496	513	
	NovaFluor Blue 530	509	527	
	NovaFluor Blue 555	496	555	
	NovaFluor Blue 585	494	586	
	NovaFluor Blue 610-30S	509	615	
	NovaFluor Blue 610-70S	509	614	
	NovaFluor Blue 660-120S	509	665	
	NovaFluor Blue 660-40S	509	664	
	PerCP	490	677	
	PerCP-Cy5.5	490	695	PerCP Cy5.5,PerCPCy55
	PerCP-eFluor 710	482	710	PerCP-efluor 710,PerCP-eFluor710,PerCP-efluor710
	PerCP-Fire 780	488	774	
	PerCP-Fire 806	488	802	
	PerCP-Vio700	488	704	
	RealBlue 545	488	545	RB545
	RealBlue 613	488	613	RB613
	RealBlue 670	488	670	Real Blue 670,RB670,RB 670
	RealBlue 705	488	707	RB705
	RealBlue 744	488	744	RB744
	RealBlue 780	488	780	Real Blue 780,RB780,RB 780
	Spark Blue 550	488	550	
	Spark Blue 574	505	574	
	Spark PLUS B574	488	574	
	StarBright Blue 700	470	700	SBB700,SBB 700
	Thiazole Orange	488	533	
	Vio515	488	514	
	VioBright 515	488	514	
	VioBright FITC	488	522	
YellowGreen Laser (561nm)	Alexa Fluor 555	561	568	Alexa555
	Alexa Fluor 568	561	603	
	Alexa Fluor 594	561	618	AlexaFluor594,Alexa 594,Alexa594,AlexaFluor 594
	CF594	561	614	
	cFluor BYG575	580	575	cFluorBYG575
	cFluor BYG610	567	610	cFluorBYG610
	cFluor BYG667	567	667	cFluorBYG667
	cFluor BYG710	645	710	cFluorBYG710

cFluor BYG750	567	750 cFluorBYG750
cFluor BYG781	567	781 cFluorBYG781
cFluor YG584	565	584 cFluorYG584
cFluor YG600	565	600 cFluorYG600
cFluor YG610	565	610 cFluorYG610
DyLight 550	561	571 DyLight550
ECD	567	615
NovaFluor Yellow 570	552	566
NovaFluor Yellow 590	552	594
NovaFluor Yellow 610	552	614
NovaFluor Yellow 660	552	664
NovaFluor Yellow 690	552	691
NovaFluor Yellow 700	552	701
NovaFluor Yellow 730	552	730
PE	580	576 R-PE
PE-Alexa Fluor 610	567	627 PE-Alexa610,PE-Alexa 610,PE-AlexaFluor 610,PE-AlexaFluor610
PE-Alexa Fluor 647	568	666 PE-Alexa647,PE-Alexa 647,PE-AlexaFluor 647,PE-AlexaFluor647
PE-Alexa Fluor 680	570	702 PE-Alexa680,PE-Alexa 680,PE-AlexaFluor 680,PE-AlexaFluor680
PE-Alexa Fluor 700	567	720 PE-Alexa700,PE-Alexa 700,PE-AlexaFluor 700,PE-AlexaFluor700
PE-CF594	496	612 PE-CF 594,PE CF 594,PECF 594,PECF594
PE-Cy5	568	668 PE Cy5,PECy5
PE-Cy5.5	565	695 PE-Cy5.5
PE-Cy7	575	780 PE Cy7,PECy7
PE-Dazzle594	565	607 PE-Dazzle 594,PE Dazzle 594,PEDazzle 594,PEDazzle594
PE-eFluor 610	565	606 PE-eFluor610,PE eFluor 610,PEeFluor 610,PEeFluor610
PE-Fire 640	566	639 PE-Fire640
PE-Fire 700	565	695 PE-Fire700
PE-Fire 744	561	744
PE-Fire 810	561	810
PE-Texas Red	567	613 PE Texas Red,PETexasRed
PE-Vio615	561	619
PE-Vio770	565	775 PE-Vio 770,PE Vio770,PE Vio 770
RealYellow 586	561	586 RY586
RealYellow 655	561	654
RealYellow 703	561	703 RY703
RealYellow 743	561	743
RealYellow 775	561	775 RY775
Spark YG 570	555	570
Spark YG 581	564	581
Spark YG 593	574	593

RED Laser (635nm)	AF660	635	698 Alexa Fluor 660
	Alexa Fluor 647	650	671 Alexa647,Alexa 647,AlexaFluor 647,AlexaFluor647
	Alexa Fluor 700	696	720 Alexa700,Alexa 700,AlexaFluor 700,AlexaFluor700
	Alexa Fluor 750	635	776 Alexa750,Alexa 750,AlexaFluor 750,AlexaFluor750
	Alexa Fluor 790	635	784 AF790,AF 790
	APC	650	660
	APC-Alexa 750	680	750 APC-Alexa750
	APC-Alexa700	635	720 APC-Alexa Fluor 700
	APC-Cy5.5	656	694 APC-Cy55,APC Cy5.5,APCCy55
	APC-Cy7	595,650	780 APC Cy7,APCCy7
	APC-eFluor 780	755	780 APC-eFluor780,APC-efluor 780,APC-efluor780
	APC-Fire 750	595,650	787 APC-Fire750,APC-fire 750,APC-fire750
	APC-Fire 810	650	810 APC-Fire810
	APC-H7	595,650	780 APC H7
	APC-R700	651	705 APC R700
	APC-Vio 770	680	770 APC-Vio770
	cFluor R659	645	659 cFluorR659

	cFluor R668	645	668 cFluorR668
	cFluor R685	645	685 cFluorR685
	cFluor R720	645	720 cFluorR720
	cFluor R780	645	780 cFluorR780
	cFluor R840	645	840 cFluorR840
	Cy5	635	667 Cyanine5
	eFluor 660	651	668 eFluor660,efluor660
	Horizon Red 718	635	718 R718
	NovaFluor Red 660	637	658
	NovaFluor Red 685	637	685
	NovaFluor Red 700	639	701
	NovaFluor Red 710	639	713
	RealRed 688	635	688
	Spark NIR 685	665	685 SparkNIR685
	Spark Red 718	635	718
	sVio 667	645	667 sVio667
	Vio 667	645	667 Vio667
	VioBright 667	635	668 VioBright667

UV Laser (355nm)	Alexa 350	346	442 AF350,A350,Alexa350,Alexa Fluor 350,AlexaFluor 350,AlexaFluor350
	AMCA	350	450
	BUV395	348	395 BUV 395
	BUV496	348	496 BUV 496
	BUV563	348	563 BUV 563
	BUV615	350	616 BUV 615
	BUV661	348	661 BUV 661
	BUV737	348	737 BUV 737
	BUV805	348	805 BUV 805
	cFluor UV388	355	388 cFluorUV388
	MarinaBlue	360	462 Marina Blue
	Spark PLUS UV 395	355	385
	Spark UV 387	340	387
	StarBright UltraViolet 400	355	394 SBUV400,SBUV 400,StarBright UV 400
	StarBright UltraViolet 475	355	440 SBUV475,SBUV 475,StarBright UV 475
	StarBright UltraViolet 510	355	513 SBUV510,SBUV 510,StarBright UV 510
	StarBright UltraViolet 665	355	669 SBUV665,SBUV 665,StarBright UV 665
	StarBright UltraViolet 795	355	792 SBUV795,SBUV 795,StarBright UV 795
	StarBright UV 445	355	440 SBUV445,SBUV 445,StarBright UV445
	StarBright UV 575	355	415 SBUV 575
	StarBright UV 740	355	743 SBUV 740,SBUV740

VIOLET Laser (405nm)	Amethyst Orange	405	535
	BV421	407	421
	BV480	405	478
	BV510	405	510
	BV570	407	570 BV571
	BV605	407	605
	BV650	405	650 BV 650
	BV711	407	711 BV710
	BV750	407	750
	BV785	407	785
	BV786	407	785
	Cell Trace Violet	405	450
	cFluor V420	407	420 cFluorV420
	cFluor V450	407	450 cFluorV450
	cFluor V505	407	505 cFluorV505
	cFluor V547	405	547 cFluorV547
	cFluor V610	407	610 cFluorV610

DyLight 405	405	420
eFluor 450	407	445 eFluor450,efluor 450,efluor450
eFluor 506	409	506 eFluor506,efluor 506,efluor506
eVolve 605	407	605 eVolve605,evolve 605,evolve605
eVolve 655	405	655 eVolve655,evolve 655,evolve655
Pacific Blue	410	455 PacBlue,Pac Blue,PacificBlue
Pacific Orange	400	550 PacOrange,Pac Orange,PacificOrange
Qdot 605	350,405	605 Qdot605
Qdot 655	350,405	655 Qdot655
Qdot 705	350,405	705 Qdot705
Qdot 800	350,405	792 Qdot800
Spark Violet 423	399	415
Spark Violet 538	387	538
StarBright Violet 440	390	436 SBV440,SBV 440
StarBright Violet 475	405	476 SBV475,SBV 475
StarBright Violet 515	405	515 SBV510,SBV 510
StarBright Violet 570	402	570 SBV570,SBV 570
StarBright Violet 610	405	607 SBV607,SBV 607
StarBright Violet 670	405	667 SBV670,SBV 670
StarBright Violet 710	402	713 SBV710,SBV 710
StarBright Violet 760	403	760 SBV760,SBV 760
StarBright Violet 790	402	782 SBV790,SBV 790
Super Bright 436	407	436
Super Bright 600	407	600
Super Bright 645	407	645
Super Bright 702	407	702
Super Bright 780	407	780
V450	404	450
V500	415	510
VioBlue	400	452
VioGreen	388	520

Fluorescent Proteins	Amcyan	466	497
	BFP	399	456
	BODIPY 510 (Ox)	488	510
	BODIPY 591 (Red)	561	591
	CellTrace Blue	355	410
	CellTrace Far Red	635	661
	CFP	435	485
	CyRFP1	488	588
	DiD	644	665
	Dil	549	565
	DiO	485	501
	DiR	635	779
	DsRed	557	584
	DsRed Dimer2	553	579
	dTomato	554	581
	FAM-FLICA Caspase-1	488	520
	FAM-FLICA Caspase-3	488	520
	Fluo-4	488	506
	GFP	488	510
	Katushka	561	635
	Keima-Red	440	620
	Kusabira Orange	548	559 KO
	LiperFluo	488	535
	mBanana	540	553
	mCherry	587	610
	mHoneyDew	478	561

MitoSOX Red	510	580
MitoTracker Deep Red	644	665
MitoTracker Green	490	516
mKate	588	633
mOrange	546	562
mRuby	561	605
mScarlet	561	594
pHrodo Red	561	585
RFP	555	584
Sapphire	399	511
TMRE	561	574
TMRM	548	574
Venus	515	528
YFP	515	530

VIABILITY	7-AAD	535	617
	DAPI	368	461
	DRAQ5	657	681
	DRAQ7	657	697
	FVS440UV	355	436 FVS440
	FVS450	405	448 FVS 450
	FVS510	405	512 FVS 510
	FVS520	498	521 FVS 520
	FVS575V	405	572 FVS 575V,FVS575,FVS 575
	FVS620	523	617 FVS 620
	FVS660	649	660 FVS 660
	FVS700	657	700 FVS 620
	FVS780	759	780 FVS 780
	Ghost Dye UV 450	355	450 Ghost UV450
	LIVE DEAD Aqua	367	526 LD Aqua,Live Dead Aqua
	LIVE DEAD Blue	350	450 LD Blue,Live Dead Blue
	LIVE DEAD Far Red	650	665 LIVE DEAD FarRed
	LIVE DEAD Green	495	520 LD Green,Live Dead Green
	LIVE DEAD NIR	750	775 LD NIR,Live Dead NIR
	LIVE DEAD Red	595	615 LD Red,Live Dead Red
	LIVE DEAD Scarlet	635	723
	LIVE DEAD Violet	416	451 LD Violet,Live Dead Violet
	LIVE DEAD Yellow	405	575 LD Yellow,Live Dead Yellow
	Propidium Iodide	535	617 PI
	ViaKrome 808	635	810
	Zombie Aqua	382	510
	Zombie B550	488	540
	Zombie Green	492	515
	Zombie NIR	718	746
	Zombie R685	635	685
	Zombie R718	635	711
	Zombie Red	601	624
	Zombie UV	355	459
	Zombie UV387	355	387
	Zombie Violet	400	422
	Zombie Yellow	395	572