



常用荧光染料的光学特点

Fluorescent Dye (荧光染料)	Excitation (激发频谱, nm)	Emission (发射频谱, nm)
Cy2 TM	489	506
GFP(Red Shifted)	488	507
YO-PRO TM -1	491	509
YOYO TM -1	491	509
Calcein	494	517
FITC	494	518
FluorX TM	494	519
Alexa TM 488	490	520
Rhodamine 110	496	520
ABI,5-FAM	494	522
Oregon Green TM 500	503	522
Oregon Green TM 488	496	524
RlboGreen TM	500	525
Rhodamine Green TM	502	527
Rhodamine123	507	529
Magnesium Green TM	506	531
Calcium Green TM	506	533
TO-PRO TM -1	514	533
TOTO®-1	514	533
ABI,JOE	520	548
BODIPY®530/550	530	550
Dil	549	565
BODIPY®TMR	542	568
BODIPY®558/568	558	568
BODIPY®564/570	564	570
Cy3 TM	550	570
Alexa TM 546	555	570
TRITC	547	572
Magnesium Orange TM	550	575



Phycoerythrin,R & B	565	575
Rhodamine Phalloidin	550	575
Calcium Orange TM	549	576
Pyronin Y	555	580
Rhodamine B	555	580
ABI,TAMRA	560	582
Rhodamine Red TM	570	590
Cy3.5 TM	581	596
ABI,ROX	588	608
Calcium Crimson TM	590	615
Alexa TM 594	590	615
Texas Red®	595	615
Nile Red	549	628
YO-PRO TM -3	612	631
YOYO TM -3	612	631
R-Phycocyanin	618	642
C-Phycocyanin	620	648
TO-PRO TM -3	642	660
TOTO®-3	642	660
DiD DilC'(5)	644	665
Cy5 TM	649	670
Thiadicarbocyanine	651	671
Cy5.5	675	694