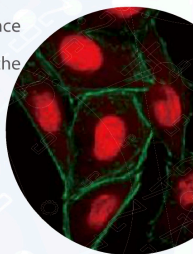
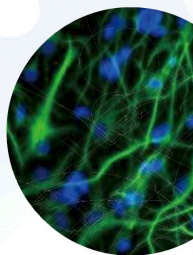


U-genes' Distinctive Fluorescent Dye Offerings

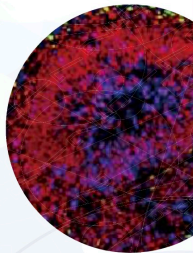
At U-genes, we present a diverse range of Fluorescent dye products, each designed to elevate the precision and efficacy of life science applications. Our commitment to excellence is reflected in the following key advantages:



01 Comprehensive Product Range: Explore our extensive product line, including UGO, UGA, conventional fluorescent dyes, and quenchers. Continuously innovating to meet evolving needs, our commitment to delivering high-quality products ensures researchers can consistently find the perfect solution within our comprehensive range.



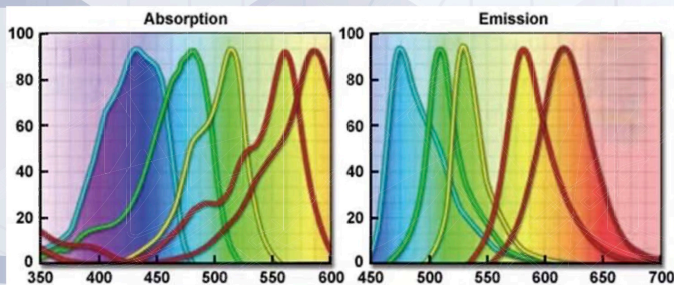
02 Exceptional Purity Exceeding 95%: Employing advanced production techniques and rigorous quality control measures, we guarantee a purity level exceeding 95% in our products. This commitment not only signifies superior quality and efficacy but also minimizes potential risks during usage, enhancing the overall customer experience.



03 Unparalleled Stability: Rigorously selecting raw materials and implementing meticulous production process controls, our fluorescent dye products exhibit remarkable stability throughout storage, transportation, and utilization. This unwavering stability alleviates concerns about any adverse impact on production, assuring customers of reliable performance.

04 Remarkable Quantum Yield: Our products boast a remarkable conversion efficiency, ensuring higher cost-effectiveness for customers. Through continuous optimization of production processes, we strive to enhance the quantum yield of our offerings, delivering superior performance to end-users.

At U-genes, our fluorescent dye solutions illuminate the path for researchers, providing not just products, but a commitment to precision, purity, stability, and efficiency that propels scientific endeavors to new heights.



 U-genes

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 U-genes

Fluorescent Dyes



The modifications and catalog ID of UGO series products

Name	Carboxy	NHS-ester	3'-CPG	5'-phosphoramidite	Biotin	Maleimide	azide
UGO 390	110101	110102	110103	—	—	—	—
UGO 425	110201	110202	110203	—	110205	110206	110207
UGO 485	110301	110302	110303	—	110305	—	110307
UGO 488	110401	110402	110403	—	—	—	110407
UGO 495	110501	110502	110503	—	110505	110506	110507
UGO 514	110601	110602	110603	—	110605	110606	110607
UGO 520	110701	110702	110703	—	110705	110706	110707
UGO 532	110801	110802	110803	—	110805	110806	110807
UGO Rho6G	110901	110902	110903	—	110905	110906	110907
UGO 550	111001	111002	111003	—	111005	111006	111007
UGO 585	111101	111102	111103	—	111105	111106	111107
UGO Rho3B	111201	111202	111203	—	—	111206	111207
UGO Rho11	111301	111302	111303	—	111305	111306	111307
UGO Rho12	111401	111402	111403	111404	—	111406	111407
UGO Thio12	111501	111502	111503	111504	111505	111506	111507
UGO Rho101	111601	111602	111603	111604	111605	111606	111607
UGO 590	111701	111702	111703	111704	111705	111706	111707
UGO Rho13	111801	111802	111803	111804	111805	111806	—
UGO 594	111901	111902	111903	111904	111905	111906	—
UGO 610	112001	112002	112003	112004	112005	—	—
UGO 620	112101	112102	112103	112104	112105	—	—
UGO Rho14	112201	112202	112203	112204	112205	—	—
UGO 633	112301	112302	112303	112304	112305	—	—
UGO 647	112401	112402	112403	112404	112405	—	—
UGO 647N	112501	112502	112503	112504	112505	—	—
UGO 655	112601	112602	112603	112604	112605	—	—
UGO Oxa12	112701	112702	112703	112704	—	—	—
UGO 665	112801	112802	112803	112804	—	—	—
UGO 680	112901	112902	112903	112904	—	112906	—
UGO 700	113001	113002	113003	113004	—	—	—
UGO 725	113101	113102	113103	113104	—	—	—
UGO 740	113201	113202	—	113204	—	—	—

*UGO dyes are alternatives to ATTO dyes.

The modifications and catalog ID of Rhodamine dyes

Name	NHS-ester (5mg)	3'-CPG (0.25g)	5' phosphoramidite (0.25g)	dT (0.25g)
Rhod G (Rhod 110)	140101	140102	140103	140104
Rhod 6G	140201	140202	140203	140204
6-TAMRA	140301	140302	140303	140304
Rhod Red	140401	140402	140403	140404
6-ROX	140501	140502	140503	140504
Texas-X Red	140601	140602	140603	140604
SiR	140701	140702	140703	140704
5-TAMRA	140801	140802	140803	140804
5-ROX	140901	140902	140903	140904

The modifications and catalog ID of UGA series products

Name	Carboxy	NHS-ester	3'-CPG	5'-phosphoramidite	dT	Biotin	Maleimide
UGA 350	120101	120102	120103	120104	120105	120106	120107
UGA 405	120201	120202	120203	120204	120205	120206	120207
UGA 430	120301	120302	120303	120304	120305	120306	120307
UGA 488	120401	120402	120403	120404	120405	120406	120407
UGA 532	120501	120502	120503	120504	120505	120506	120507
UGA 546	120601	120602	120603	120604	120605	120606	120607
UGA 555	120701	120702	120703	120704	120705	120706	120707
UGA 568	120801	120802	120803	120804	120805	120806	120807
UGA 594	120901	120902	120903	120904	120905	120906	120907
UGA 610	121001	121002	121003	121004	121005	121006	121007
UGA 633	121101	121102	121103	121104	121105	121106	121107
UGA 647	121201	121202	121203	121204	121205	121206	121207
UGA 660	121301	121302	—	121304	121305	121306	121307
UGA 680	121401	121402	—	121404	121405	121406	121407
UGA 700	121501	121502	—	121504	121505	121506	121507
UGA 750	121601	121602	—	121604	121605	121606	121607
UGA 790	121701	121702	—	121704	121705	121706	121707

*UGA dyes are alternatives to ALEXA FLUOR dyes.

The modifications and catalog ID of Fluorescein dyes

Name	NHS-ester (5mg)	3'-CPG (0.25g)	5' phosphoramidite (0.25g)	dT (0.25g)
Fluorescein	130101	130102	130103	130104
OG488	130201	130202	130203	130204
Pennsylvania green	130301	130302	130303	130304
6-FAM	130401	130402	130403	130404
5-FAM	130501	130502	130503	130504
6-HEX	130601	130602	130603	130604
5-HEX	130701	130702	130703	130704
6-TET	130801	130802	130803	130804
5-TET	130901	130902	130903	130904
6-JOE	131001	131002	131003	131004
5-JOE	131101	131102	131103	131104
6-VIC	131201	131202	131203	131204
5-VIC	131301	131302	131303	131304
FITC	131401	131402	131403	131404
NED	131501	131502	131503	131504
Yakima yellow	131601	131602	131603	131604

The modifications and catalog ID of Coumarin dyes

Name	NHS-ester (5mg)	3'-CPG (0.25g)	5' phosphoramidite (0.25g)	dT (0.25g)
AMCA	160101	160102	160103	160104
Coumarin 343	160201	160202	160203	160204

The modifications and catalog ID of Cyanine dyes

Name	NHS-ester (5mg)	3'-CPG (0.25g)	5' phosphoramidite (0.25g)	dT (0.25g)
Cy2	150101	150102	150103	150104
Cy3	150201	150202	150203	150204
Sulfonated Cy3	150301	150302	150303	150304
Cy3.5	150401	150402	150403	150404
Sulfonated Cy3.5	150501	150502	150503	150504
Cy5	150601	150602	150603	150604
Sulfonated Cy5	150701	150702	150703	150704
Cy5.5	150801	150802	150803	150804
Sulfonated Cy5.5	150901	150902	150903	150904
Cy7	151001	151002	151003	151004
Sulfonated Cy7	151101	151102	151103	151104
Cy7.5	151201	151202	151203	151204
Sulfonated Cy7.5	151301	151302	151303	151304
Quasar570 CEP		150205		
Quasar670 CEP		150605		
IF700A-COOH	151400			
EB2001 NHS ester	151501			
IRD700 NHS ester	151601			

The modifications and catalog ID of Quenchers

Name	Quenching Range	NHS-ester (5mg)	3'-CPG (0.25g)	5' phosphoramidite (0.25g)	dT (0.25g)
Eclipse	390-625 nm	170101	170102	170103	170104
UGQuencher-0	430-520 nm	170201	170202	170203	170204
UGQuencher-1	480-580 nm	170301	170302	170303	170304
UGQuencher-2	550-650 nm	170401	170402	170403	170404
UGQuencher-3	620-730 nm	170501	170502	170503	170504
Dabcyl	380-530 nm	170601	170602	170603	170604
UGBBQ 650	550-750 nm	170701	170702	170703	170704
Dual-Quencher		170901	170902	170903	170904

*UGQuencher-0,1,2,3 are alternatives to BHQ-0,1,2,3.