

■ NHS Esters · Primary Amine Labeling (-NH₂)

Catalog No.	Product Name	Fluorophore	Sulfonation	Permeability
A8100	Cy3 NHS ester (non-sulfonated)	Cy3	Non-sulfonated	Yes
A8107	Cy3 NHS ester		Sulfonated	No
A8765	Cy3 NHS ester (Et)		Sulfonated	No
A8772	Cy3 Bis NHS ester		Sulfonated	No
A8101	Cy3.5 NHS ester (non-sulfonated)	Cy3.5	Non-sulfonated	Yes
A8102	Cy5 NHS ester (non-sulfonated)	Cy5	Non-sulfonated	Yes
A8108	Cy5 NHS ester		Sulfonated	No
A8769	Cy5 NHS ester (Et)		Sulfonated	No
A8773	Cy5 Bis NHS ester		Sulfonated	No
A8103	Cy5.5 NHS ester (non-sulfonated)	Cy5.5	Non-sulfonated	Yes
A8104	Cy7 NHS ester (non-sulfonated)	Cy7	Non-sulfonated	Yes
A8109	Cy7 NHS ester		Sulfonated	No
A8105	Cy7.5 NHS ester (non-sulfonated)	Cy7.5	Non-sulfonated	Yes
A8099	HyperFluor™ 555 NHS Ester	HyperFluor™ 555	-	-
A8106	HyperFluor™ 488 NHS Ester	HyperFluor™ 488	-	-
A8110	HyperFluor™ 594 NHS Ester	HyperFluor™ 594	-	-

■ Click-Chemistry Reagents

Catalog No.	Product Name	Fluorophore	Sulfonation	Permeability
A8111	Cy3 azide (non-sulfonated)	Cy3	Non-sulfonated	Yes
A8127	Cy3 azide		Sulfonated	No
A8130	Cy3 alkyne (non-sulfonated)		Non-sulfonated	Yes
C8383	Cy3-Tetrazine		Sulfonated	No
C8218	DBCO-Cy3		Sulfonated	No
A8112	Cy3.5 azide (non-sulfonated)	Cy3.5	Non-sulfonated	Yes
A8262	Cy3.5 alkyne (non-sulfonated)		Non-sulfonated	Yes
A8113	Cy5 azide (non-sulfonated)	Cy5	Non-sulfonated	Yes
A8128	Cy5 azide		Sulfonated	No
C8231	Cy5-DBCO		Sulfonated	No
A8131	Cy5 alkyne (non-sulfonated)		Non-sulfonated	Yes
A8114	Cy5.5 azide (non-sulfonated)	Cy5.5	Non-sulfonated	Yes
A8263	Cy5.5 alkyne (non-sulfonated)		Non-sulfonated	Yes
A8115	Cy7 azide (non-sulfonated)	Cy7	Non-sulfonated	Yes
A8116	Cy7.5 azide (non-sulfonated)	Cy7.5	Non-sulfonated	Yes
A8118	HyperFluor™ 488 azide	HyperFluor™ 488	-	-
A8119	HyperFluor™ 594 azide	HyperFluor™ 594	-	-
A8117	FAM azide, 5- isomer	FAM	-	-
B8751	FAM azide, 6-isomer	FAM	-	-
BA2414	Fluorescein-DBCO	Fluorescein	-	-

■ Maleimides · Thiol Labeling (–SH)

Catalog No.	Product Name	Fluorophore	Sulfonation	Permeability
A8138	Cy3 maleimide (non-sulfonated)	Cy3	Non-sulfonated	Yes
A8264	Cy3.5 maleimide (non-sulfonated)	Cy3.5	Non-sulfonated	Yes
A8139	Cy5 maleimide (non-sulfonated)	Cy5	Non-sulfonated	Yes
A8140	Cy5.5 maleimide (non-sulfonated)	Cy5.5	Non-sulfonated	Yes
A8141	Cy7 maleimide (non-sulfonated)	Cy7	Non-sulfonated	Yes
A8142	Cy7.5 maleimide(non-sulfonated)	Cy7.5	Non-sulfonated	Yes

■ Carboxylic Acids · Control / Primary Amine Labeling (–NH₂)

Catalog No.	Product Name	Fluorophore	Sulfonation	Permeability
A8132	Cy3 carboxylic acid (non-sulfonated)	Cy3	Non-sulfonated	Yes
A8776	Cy3 carboxylic acid (Et)		Sulfonated	No
A8774	Cy3 Bis carboxylic acid		Sulfonated	No
A8260	Cyanine3.5 carboxylic acid (non-sulfonated)	Cy3.5	Sulfonated	No
A8133	Cy5 carboxylic acid (non-sulfonated)	Cy5	Non-sulfonated	Yes
A8777	Cy5 carboxylic acid (Et)		Sulfonated	No
A8137	Cy5 carboxylic acid		Sulfonated	No
A8775	Cy5 Bis carboxylic acid		Sulfonated	No
A8134	Cy5.5 carboxylic acid (non-sulfonated)	Cy5.5	Non-sulfonated	Yes
A8135	Cy7 carboxylic acid (non-sulfonated)	Cy7	Non-sulfonated	Yes
A8136	Cy7.5 carboxylic acid (non-sulfonated)	Cy7.5	Non-sulfonated	Yes

■ Hydrazides · Carbonyl Labeling (–CHO Aldehyde / >C=O Ketone)

Catalog No.	Product Name	Fluorophore	Sulfonation	Permeability
A8265	Cy3 hydrazide (non-sulfonated)	Cy3	Non-sulfonated	Yes
A8266	Cy3.5 hydrazide (non-sulfonated)	Cy3.5	Non-sulfonated	Yes
A8144	Cy5 Boc-hydrazide (non-sulfonated)	Cy5	Non-sulfonated	Yes
A8145	Cy5 hydrazide (non-sulfonated)		Non-sulfonated	Yes
A8261	Cy5.5 hydrazide (non-sulfonated)	Cy5.5	Non-sulfonated	Yes

■ Amino Groups · NHS-Ester Labeling (–NH₂)

Catalog No.	Product Name	Fluorophore	Sulfonation	Permeability
A8143	Cy5 amine (non-sulfonated)	Cy5	Non-sulfonated	Yes

■ Labeled Products

Type	Catalog No.	Product Name	Fluorophore	Application
Con A Series	K4413	Concanavalin A (Con A)-FITC	FITC	Fluorescent lectin probe (glycan-binding)
	K4414	Concanavalin A (Con A)-HyperFluor™ 488	HyperFluor™ 488	
	K4415	Concanavalin A (Con A)-HyperFluor™ 594	HyperFluor™ 594	
	K4416	Concanavalin A (Con A)-HyperFluor™ 647	HyperFluor™ 647	
Dextran Series	A9063	FITC-Dextran (MW 20000)	FITC	Fluorescent polysaccharide tracer (permeability)
	A9064	FITC-Dextran (MW 40000)		
	A9065	FITC-Dextran (MW 70000)		
	A9066	FITC-Dextran (MW 150000)		
Phalloidin Series	B8325	Phalloidin-California Red Conjugate	California Red	F-actin cytoskeleton staining
	B8598	Phalloidin-Cy5 Conjugate	Cy5	
	BA4568	Phalloidin-TRITC	TRITC	
	C4233	Phalloidin-Tetramethylrhodamine Conjugate	TMR/ TMRRA	
	C4332	Phalloidin-AMCA Conjugate	AMCA	
	C4340	Phalloidin-Fluorescein Conjugate	Fluorescein	
Streptavidin Series	K1079	Streptavidin-Cy3	Cy3	Biotin detection
	K1080	Streptavidin-Cy5	Cy5	
	K1081	Streptavidin-FITC	FITC	
	K4403	Streptavidin-HyperFluor™ 488	HyperFluor™ 488	
	K4404	Streptavidin-HyperFluor™ 555	HyperFluor™ 555	
	K4405	Streptavidin-HyperFluor™ 594	HyperFluor™ 594	
	K4406	Streptavidin-HyperFluor™ 647	HyperFluor™ 647	
	K4407	Streptavidin-Texas red X	Texas red X	
	K4408	Streptavidin-R-Phycoerythrin (SA-R-PE)	R-PE	
	K4418	Streptavidin-APC	APC	
TSA series	K1050	Fluorescein TSA Fluorescence System Kit	Fluorescein	Tyramide Signal Amplification (IHC/ICC/FISH)
	K1051	Cy3 TSA Fluorescence System Kit	Cy3	
	K1052	Cy5 TSA Fluorescence System Kit	Cy5	
	K4301	HyperFluor™ 488 TSA Fluorescence System Kit	HyperFluor™ 488	
	K4302	HyperFluor™ 594 TSA Fluorescence System Kit	HyperFluor™ 594	
	K4304	HyperFluor™ 514 TSA Fluorescence System Kit	HyperFluor™ 514	
	K4305	HyperFluor™ 555 TSA Fluorescence System Kit	HyperFluor™ 555	
	K4307	HyperFluor™ 680 TSA Fluorescence System Kit	HyperFluor™ 680	
	K4308	HyperFluor™ 750 TSA Fluorescence System Kit	HyperFluor™ 750	
	K4309	HyperFluor™ 647 TSA Fluorescence System Kit	HyperFluor™ 647	