



Goat anti-Human Fluorophore Selection Kit

Product ID: AD-110

Price: \$150.00 (7 Conjugates)



Comprehensive



Quick



Affordable

The Goat anti-Human Fluorophore Selection Kit, produced in collaboration with ImmunoReagents, Inc., provides aliquots of anti-Human antibody conjugated to seven different fluorophores to allow you to rapidly determine the best conjugate for your use. Applications include microscopy, flow cytometry, TR-FRET, Western Blotting, and FIA. Upon evaluation and conjugate selection, use the catalog numbers provided below when reordering.

Conjugate	Visible Absorption Maxima (nm)	Emission Maximum (nm)	Catalog #
Surelight® APC	652	657.5	D3-110-1MG
Surelight® RPE	565>540>498	573	D5-110-1MG
Surelight® PerCP	483	676	D11-110-1MG
Surelight® P3	614	662	D7-110-1MG
Surelight® Europium	340	615	D17-110-20
			D17-110-50
			D17-110-1MG
DyLight® 488	488	518	D8-110-1MG
DyLight® 650	655	672	D10-110-1MG



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Form/Shipping & Storage

Supplied lyophilized. Upon receipt, store at -20°C. Phycobiliproteins are sensitive to freeze-thaw cycles.



Reconstitution

Reconstitute all conjugates with the exception of the Europium conjugate with 200 µl of diH₂O. Reconstitute the Europium conjugate with 100 µl diH₂O. Upon reconstitution, antibodies will be at a concentration of 0.1 mg/ml and should be stored at 2-8°C.



Handling

We recommend that the investigator determine the appropriate working concentration for their specific application. Avoid exposure to heat and light.



Buffer

Upon reconstitution, each product will be in the buffers listed in the table below.



Stability

Product should be stored at 2-8°C in the dark and be used within 3 months. If further dilution of the conjugate is required, use diluted material within one week.

Conjugate	Storage Buffer
Surelight® APC	10 mM Tris (pH 8.2), 150 mM NaCl, 1 µg/mL Pentachlorophenol, 0.1% BSA and 50 mM Sucrose
Surelight® RPE	100 mM Sodium Phosphate (pH 7.4), 100 mM NaCl, 50 mM Sucrose, 0.1% BSA and 2 mM Sodium Azide
Surelight® PerCP	100 mM Sodium Phosphate (pH 7.4), 100 mM NaCl, 50 mM Sucrose, 0.1% BSA and 2 mM Sodium Azide
Surelight® P3	100 mM Sodium Phosphate (pH 7.4), 150 mM NaCl, 100 mM Sucrose, 0.1% BSA and 0.05% Sodium Azide
Surelight® Europium	50 mM Tris (pH 7.8), 0.9% NaCl, 0.05% Sodium Azide
DyLight® 488	100 mM Sodium Phosphate (pH 7.4), 100 mM NaCl, 2 mM Sodium Azide
DyLight® 650	100 mM Sodium Phosphate (pH 7.4), 100 mM NaCl, 2 mM Sodium Azide

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