

Light Microscopy Materials Costs-Biotron Microscopy

<i>Description</i>	<i>Unit</i>	<i>Cost</i>
General Reagents		
4L Ethanol	ml	\$ 0.01
Bovine Serum Albumin, Fraction V, 100 g	g	\$ 4.20
Bovine Serum Albumin, Fraction V, 50 g	g	\$ 4.00
Dako Antibody Diluent 125mL	ml	\$ 1.50
HEPES 250 g	g	\$ 1.75
Hydrogen Peroxide 30%	ml	\$ 0.70
Paraformaldehyde 20% 10 x 10mL	vial	\$ 11.00
Paraformaldehyde 32%, 10 x 10 ml	vial	\$ 12.00
Phosphate Buffered Saline (PBS Buffer), 10X, 1	ml	\$ 0.10
PIPES Buffer, Cell Culture Grade, 100g	g	\$ 1.70
PIPES Buffer, Molecular Biol Grade	g	\$ 7.50
Polyethylene Glycol 6000, 1kg	g	\$ 0.15
Trypsin, 20 tabs	tab	\$ 6.50
Trypsin, 50 tabs	tab	\$ 2.70
Xylene, case of 4	ml	\$ 0.02

Secondary Antibodies-IF		
Alexa 488 Goat anti Mouse highly cross adsorbed secondary 1 mg(1000ul)	ul	\$ 0.60
Alexa 488 Goat anti Rabbit REGULARLY cross adsorbed secondary 1 mg(1000ul)	ul	\$ 0.60
Alexa 568 Goat anti Mouse IgG, highly cross adsorbed 1 mg(1000ul)	ul	\$ 0.60
Alexa 568 Goat anti Rabbit IgG, highly cross adsorbed 1 mg(1000ul)	ul	\$ 0.60
Alexa 647 Goat anti Mouse IgG, highly cross adsorbed 1 mg(1000ul)	ul	\$ 0.60
Alexa 647 Goat anti Rabbit IgG, highly cross adsorbed 1 mg(1000ul)	ul	\$ 0.60
Alexa 647 Goat anti Chicken , cross adsorbed, alexa 647 antibody 1 mg(1000ul)	ul	\$ 0.60
Alexa 488 PLUS Goat anti mouse highly cross adsorbed secondary 1 mg(1000ul)	ul	\$ 0.60
Alexa 800 PLUS Goat anti mouse highly cross adsorbed secondary 1 mg(1000ul)	ul	\$ 0.60
Goat anti Mouse Fab fragments unconjugated 1 mg(1000ul)	ul	\$ 0.60

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Blockers		
Animal free blocker (SNIPER/diluent replacement) 250mL	ml	\$ 1.15
Background Sniper, 500 ml	ml	\$ 2.10
Bloxall, 100 ml	ml	\$ 2.95
Goat anti Mouse Fab fragments unconjugated 1mg at 1.3 mg/ml=770u	ul	\$ 0.25
Levamisole (18 mL)	ml	\$ 0.02
Normal Goat Serum 100%-use at 3-5%	ml	\$ 6.60
Sodium borohydride	g	\$ 2.60
TrueBlack Plus, 40x in PBS	ul	\$ 0.60
TrueBlack® Lipofuscin Autofluorescence Quencher, 20X in DMF	ul	\$ 0.35
UltraCruz Blocking Reagent, 100 ml	ml	\$ 1.15

Secondary Antibodies-IHC		
ImmPress HRP Rabbit kit, 15 ml	ul	\$ 0.02
ImmPress HRP Rabbit kit, 50 ml	ul	\$ 0.02
ImmPRESS™-HRP Anti-Mouse IgG Reagent, made in horse, 15mL	ul	\$ 0.02
ImmPRESS™-HRP Anti-Mouse IgG Reagent, made in horse, 50mL	ul	\$ 0.02
ImmPRESS™-AP Anti-Mouse IgG Reagent, made in horse, 15mL	ul	\$ 0.02
ImmPRESS™-AP Anti-Rabbit IgG Reagent, made in horse, 15mL	ul	\$ 0.07
Vectastain ABC Elite Kit-Standard	ul	\$ 0.03

Substrates and counterstains		
DAPI (4',6-Diamidino-2-Phenylindole, Dihydrochloride) 10 mg =2 ml	ul	\$ 0.10
Diaminobenzidine Tablets with metal enhancer, pack of 50	tab	\$ 6.00
Diaminobenzidine tablets, pack of 100, makes 10 ml	tab	\$ 7.00
Diaminobenzidine tablets, pack of 50	tab	\$ 9.00
Diaminobenzidine tablets, SIGMAFAST™ -50 pack	tab	\$ 7.00
ImmPACT® Vector® Red Substrate for ALP, 120 ml-5ml batches	5 ml	\$ 15.00
Nuclear Stains...ToPro 3, 7-AAD, Syto 9	ul	\$ 0.75
Phalloidin Alexa 568- 300 units (Made in 1500 ul methol use 1:40)	ul	\$ 0.60
Phalloidin Alexa 647 - 300 units (Made in 150 ul DMSO use 1:200)	ul	\$ 5.50
Phalloidin Alexa 647 PLUS-made to use 1:200	ul	\$ 0.65

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Microtomy & Embedding Supplies		
Biobond 20 ml	ml	\$ 7.50
Feather Microtome blades S35 35 degree angle, 50/pack	each	\$ 2.00
Slide Storage Boxes, blue	each	\$ 5.00
Slide Storage Boxes, green	each	\$ 5.00
Slide Storage Boxes, red	each	\$ 5.00
Slide Storage Boxes, yellow, red, blue, green	each	\$ 5.00
Slide Storage Boxes, white	each	\$ 5.50
Microslides, Frosted end, package of 1 gros	Box	\$ 10.50
Microslides, Frosted end, case of 10 gros	Box	\$ 10.50
Superfrost Plus slides, box of 1 gros (bx)	Box	\$ 25.00
Superfrost Plus slides, case of 10 gros (bx)	Box	\$ 250.00
TruBond slides	Box	\$ 68.00
Disposable Base Mold 30x24x5mm	each	\$ 0.40

Miscellaneous Immuno Slide Supplies		
Coverslips, No 1.5, rectangles and squares	box	\$ 10.00
Coverslips, 12mm Circles #1.5 Thickness, PRETREAT (Washed, uncoated)	box	\$ 217.00
Coverslips, 12mm Circles #1.5 Thickness, PRETREAT (Washed, uncoated)	each	\$ 2.45
Coverslips, 12mm Circles #1.5 Thickness, UNTREATED	box	\$ 128.00
Coverslips, 12mm Circles #1.5 Thickness, UNTREATED	each	\$ 1.45
Coverslips, 12mm Circles #1.5 Thickness, POLY-D-LYSINE (Washed, coated)	box	\$ 252.00
Coverslips, 12mm Circles #1.5 Thickness, POLY-D-LYSINE (Washed, coated)	each	\$ 2.80
Coverslips 12 mm Circles #1.5 thickness, EM Science 1 oz (66 coverslips)	box	\$ 270.00
Coverslips 12 mm Circles #1.5 thickness, EM Science 1 oz (66 coverslips)	each	\$ 4.25
Coverslips 12 mm Circles #1.5 thickness, Neuvitro, 1 oz box (276 slips)	each	\$ 0.60
CellVis 35mm dishes, 1.5 thickness, 100/cs, 10 sleeves	sleeve	\$ 35.00
CellVis 35mm dishes, 1.5 thickness, 100/cs, 10 sleeves	each	\$ 3.50
CellVis 35mm dishes, 1.5 thickness, 100/cs "Glass Like Plastic", 20 sleeves	sleeve	\$ 26.00
CellVis 35mm dishes, 1.5 thickness, 100/cs "Glass Like Plastic", 20 sleeves	each	\$ 2.60
Nailpolish	each	\$ 5.00
Disposable Lab Coat	each	\$ 5.00

Grey indicates no longer available when stock runs out

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Stains		
Expredia Harris' Hematoxylin non acidified, 2 x 1L	ml	\$ 0.15
Nuclear Fast Red solution, Poly natural; 500mL	ml	\$ 0.65
Nuclear Fast Red, Vector, 500 ml	ml	\$ 0.90
Methyl Green Stain, Vector, 500 ml	ml	\$ 0.80

<i>Description</i>	<i>Unit</i>	<i>Cost</i>
Stains		
Citifluor AF-1	ml	\$ 3.00
Ibidi Mounting Media	ml	\$ 11.00
ProLong Gold or Vectashield-Aliquots from 10 ml vials	ml	\$ 38.00
ProLong Gold, 2 ml vials, whole vial	ml	\$ 65.00
Vectamount Aqueous	ml	\$ 5.00
Permunt	ml	\$ 0.25
DPX Mounting Media	ml	\$ 2.75