

American Bioanalytical, Inc.
Laboratory Investigations in Molecular Biology
Module 1.2

Item	Catalog Number	Quantity per pair of students	Quantity for 10 students	Source	Size	Order	Price	Notes
Southern Depurination Solution	AB06037-00500	100ml	500ml	American Bioanalytical	500ml	1	\$39.28	this is concentrated HCL user must dilute to 0.25M
Southern Denaturation Solution	AB13272-01000	100ml	500ml	American Bioanalytical	1 liter	1	\$21.90	
Southern Neutralization Solution	AB13294-01000	100ml	500ml	American Bioanalytical	1 liter	1	\$37.91	
Water, Sterile,	AB02120-01000	250ml	1250ml	American Bioanalytical	1 liter	2	\$15.88	
10X SSC	AB13156-01000	500ml	2500ml	American Bioanalytical	1 liter	1	\$19.00	This is 20X SSC, dilute to 10X
6X SSC	AB13156-01000	200ml	1000ml	American Bioanalytical	1 liter			This is 20X SSC, dilute to 6X
Ethidium Bromide Solution 10mg/ml	AB00512-00010	200ml	1000ml	American Bioanalytical	10ml	1	\$27.95	this is 10mg/ml. use 300µl stock solution per 500ml water
FL-PCR Labeling kit	11636154910	1 reaction	5 reactions	Roche Diagnostics	10 reactions			
Rvt Repeat Forward Primer (10pm/µl)	AB12110-00050	1µl	5µl	American Bioanalytical	50µl	1	\$140.40	
Rvt Repeat Reverse Primer (10pm/µl)	AB12111-00050	1µl	5µl	American Bioanalytical	50µl	1	\$140.40	
pBluescript Plasmid (4ng/29.5ml)	AB01667-00200	30µl	150µl	American Bioanalytical	200µl	1	\$37.45	
Agarose LE/GPG	AB00972-00500	1g	5g	American Bioanalytical	500g	1	\$399.00	
1X TAE Buffer Solution	AB14112-01000	500ml	2500ml	American Bioanalytical	1 liter	1	\$81.52	this is 50X TAE, dilute to 1X for use
100 bp DNA Ladder (w/5X Blue Juice)	AB03142-00060	10µ	50µl	American Bioanalytical	60µl	1	\$58.22	mix ladder and Blue Juice provided before use
5X Blue Juice	AB01028-00001	5µl	25µl	American Bioanalytical	1ml	1	\$58.22	48
Probe Amp Hybridization Buffer	AB11259-00100	4ml	20ml	American Bioanalytical	100ml	1	\$90.98	
Oligo Southern Wash Solution I	AB13292-01000	50ml	500ml	American Bioanalytical	1 liter	1	\$60.11	this is also referred to as Oligo Southern Wash I
Oligo Southern Wash Solution II	AB13293-01000	50ml	500ml	American Bioanalytical	1 liter	1	\$83.76	this is also referred to as Oligo Southern Wash II
Antibody Blocking Solution	AB00183-01000	50ml	250ml	American Bioanalytical	1 liter	1	\$35.25	
ECL Buffer 1	AB04120-01000	50ml	250ml	American Bioanalytical	1 liter	1	\$26.75	
ECL buffer 1 w/ 0.1% Tween 20	AB04121-01000	200ml	1000ml	American Bioanalytical	1 liter	1	\$38.88	
AntiFluorescein antibody/horseradish peroxidase conjugate	RPM3022	50µl	250µl	Amersham_GE Healthcare	250µl	1		
ECL Detection Reagents	RPN-2105			Amersham_GE Healthcare	Kit	1		This is a kit and has both detection reagents
ECL Detection Solution 1	part of kit above			Amersham_GE Healthcare				see above
ECL Detection Solution 2	part of kit above			Amersham_GE Healthcare				see above
Laboratory Investigations in Molecular Biology Lab manual	PL88200-00001			American Bioanalytical	Each		\$63.95	
Equipment and Accessories								
<i>GBX Developer Kodak</i>								
<i>GBX Fixer Kodak</i>								
<i>spatula</i>								
<i>UV Cross Linker /80°C baking oven</i>								
<i>DNA gel photography setup</i>								
<i>500g creative blot weight</i>								
<i>UV transilluminator</i>								
<i>Agarose electrophoresis apparaus and power supply</i>								

<i>Plastic wrap</i>							
<i>PCR Thermocycler</i>							
<i>X-RAY Cassette</i>							
<i>X-RAY Film (Kodak Biomax)</i>							
<i>darkroom access</i>							
<i>Development folders or plastic wrap</i>							
<i>Nylon Transfer Membrane (Hybond N+)</i>	RPN3050B			Amersham_GE healthcare			5 sheets/pack
<i>3MM Paper</i>	10 427 918			Whatman			
<i>3" cut paper towels</i>							
<i>Plastic containers</i>			6				