

**American Bioanalytical, Inc.**  
**Laboratory Investigations in Molecular Biology**  
**Module III.2**

Item	Catalog Number	Quantity per		Source	Size	Order		Notes
		pair of students	Quantity for 10 students			Quantity	Price	
DEPC Treated Water	AB02128-00500	50ml	500ml	American Bioanalytical	500ml	1	\$30.99	
10X SSC Buffer	AB13156-01000	600ml	6 liters	American Bioanalytical	1 liter	1	\$13.14	This is 20X SSC, dilute to 10X
6X SSC	AB13156-01000	500ml	5 liters	American Bioanalytical	1 liter			This is 20X SSC, dilute to 6X
Mouse <i>Ttr</i> DNA PCR Product	AB09087-00200		200µl	American Bioanalytical	200µl	1	\$224.64	
NEBlot Phototope Labeling Kit	N7550			New England Biolabs	Kit			
5X Labeling mix (buffers and Primers)	part of kit	10µl	50µl					
dNTP Mix (1mM each dNTP)	part of kit	5µl	50µl					
Klenow DNA Polymerase (5 units)	part of kit	1µl	5µl					
0.2M EDTA pH 8.0	AB00502-01000	5µl	25µ	American Bioanalytical	1 liter	1	\$81.97	This is 0.5M EDTA, dilute to 0.2M
4M Lithium Chloride	AB08261-01000	5µl	25µl	American Bioanalytical	1 liter	1	\$101.85	
Ethanol, 100%, Ice Cold	AB00515-00500	100µl	500µl	American Bioanalytical	500ml	1	\$66.39	
Ethanol, 70%, Ice cold	AB04010-00500	500µl	2.5ml	American Bioanalytical	500ml	1	\$56.00	
1X TE Buffer	AB14131-01000	20µl	100µ	American Bioanalytical	1 liter	1	\$72.78	This is 100X Buffer, dilute to 1X
Northern Pre-Hybridization Solution	AB10054-00100	6ml	30ml	American Bioanalytical	100ml	1	\$619.08	
Northern Hybridization Solution	AB10055-01000	6.1ml	30.5ml	American Bioanalytical	1 liter	1	\$146.85	
Northern Wash Solution I	AB10056-01000	1 liter	5 liters	American Bioanalytical	1 liter	1	\$26.75	
Northern Wash Solution II	AB10057-01000	1 liter	5 liters	American Bioanalytical	1 liter	1	\$26.75	
Phototope Detection Kit	N7020			New England Biolabs	Kit			
Streptavidin Solution	part of kit	60ml	300ml	New England Biolabs				
Alkaline phosphatase Solution(Biotinylated)	part of kit	4ml	20ml	New England Biolabs				
Phototope Detection Reagent (CDP-Star)	part of kit	4ml	20ml	New England Biolabs				
Phototope Blocking Solution	AB01066-01000	36ml	180ml	American Bioanalytical	1 liter	1	\$37.67	
Phototope Detection Wash Solution II (10X)	AB02049-01000	60ml	300ml	American Bioanalytical	1 liter	1	\$43.74	
Laboratory Investigations in Molecular Biology Lab manual	PL88200-00001			American Bioanalytical	Each		\$63.95	
<b>Equipment and Accessories</b>								
<i>Plastic Containers</i>								
<i>plastic Wrap</i>								
<i>Blot weight of about 500g</i>								
<i>Nylon Membrane (1) (Immobilon;Millipore</i>								
<i>Whatman 3MM paper</i>								
<i>Paper Towels</i>								
<i>UV Crosslinker or baking oven</i>								
<i>Lid Locks</i>								
<i>Flame Drawn pipet</i>								
<i>X-RAY Film (Kodak Biomax)</i>								
<i>Darkroom developer/fixer (Kodak GBX)</i>								
<i>X-RAY Film cassettes</i>								
<i>sealable Hybridization Bags with spouts (2)</i>								
<i>UV Tranilluminator</i>								

<i>Heat block</i>								
<i>marking Pen</i>								
<i>dialysis Clip</i>								
<i>Rocking Platform</i>								
<i>Heat Sealer</i>								
<i>Vortex mixer</i>								