American Bioanalytical, Inc.
Laboratory Investigations in Molecular Biology
Module III.3

Item	Catalog Number	Quantity per pair of students	Quantity for 10 students	Source	Size	Order quantity	Price
PCR RNA Sample (from lab period III.1.2)							
RT-PCR Buffer (GeneAmp Gold RNA PCR Reagent kit)	4312765	49µl	245µl	Applied Biosystems	Kit	1	
T*tr* Forward Primer	AB14164-00050	4µl	20µl	American Bioanalytical	50µl	1	$140.40
T*tr* Reverse Priimer	AB14165-00050	6µl	30µl	American Bioanalytical	50µl	1	$140.40
Agarose	AB00972-00500	1.8g	9g	American Bioanalytical	500g	1	$399.00
1X TAE Buffer	AB14112-01000	600ml	3000ml	American Bioanalytical	1 liter	1	$81.52
100bp DNA Ladder in 5X Blue Juice (DNA Marke	AB03142-00060	10µl	50µl	American Bioanalytical	50µl	1	$58.22
No-Template Control (for RT-PCR Reaction)	AB10061-00100	10µl	50µl	American Bioanalytical	100µl	1	$151.63
No-RT Control (for RT-PCR Reaction)	AB10062-00100	10µl	50µl	American Bioanalytical	100µl	1	$151.63
DNA Contamination Control	AB03041-00080	10	50µl	American Bioanalytical	80µl	1	$60.65
PCR-Positive Control (for RT-PCR Reaction)	AB11243-00080	10µl	50µl	American Bioanalytical	80µl	1	$60.65
Mouse Liver Genomic DNA (75ng/µl)	AB09093-00005	1µl	5µl	American Bioanalytical	5µl	1	$112.32
cDNA Clone of Ttr Gene	AB02454-00060	10µl	50µl	American Bioanalytical	60µl	1	$112.32
Laboratory Investigations in Molecular Biology Lab manual	PL88200-00001			American Bioanalytical	Each		$63.95
Equipment and Accessories							
Agarose gel Apparatus, power supply							
Ethidium Bromide Solution 10mg/ml	AB00512-00010			American Bioanalytical	10ml	1	$27.95
Staining/destaining Trays							
Photography unit							
Spatula							

Notes
make this from 100X TAE
Blue Juice included, mix just before use
Laboratory Investigations in Molecular Biology Lab manual
This is 10mg/ml, dilute to textbook directions