

**Microarray Supply List**

	Vendor	Phone	Order Number	Description	Price (\$)	Amount Needed
<b>Slide Preparation:</b>	Shandon Lipshaw	800-245-6212	121	Glass slide box with rack and cover	56	at least two
	Sigma	800-325-3010	P8920	Poly-L-lysine solution, 100mL	28	one to start
	Fisher	800-766-7000		Gold seal microslides 3X1"		
<b>Post Processing:</b>	Aldrich	800-325-3010	32,863-4	1-methyl-2-pyrrolidinone, 1 liter	51	one
	Aldrich	800-325-3010	23,969-0	Succinic anhydride, 50g	13.55	one
	Sigma	800-325-3010	H6644	Humid chamber	14	one
<b>RNA Preparation:</b>	QIAGEN	800-426-8157	75142	RNeasy Midi (10) for total RNA isolation	84	depends on
	QIAGEN	800-426-8157	70042	Oligotex Midi (12) for polyA RNA isolation	305	what you're after
	Gibco BRL	800-828-6686	15596-018	Trizol		and personal pref.
<b>cDNA Production and Labeling:</b>	Amersham	800-323-9750	PA25001	Fluorolink Cy5 monofunctional dye 5-pack	170	5 pack = 40 hybs
	Amersham	800-323-9750	PA23001	Fluorolink Cy3 monofunctional dye 5-pack	170	5 pack = 40 hybs
	Amicon	800-343-0696	42410	Microcon 30 (100 per pkg)	208	one
	Sigma	800-325-3010	A0410	5MG 5-(3-Aminoallyl)-2'-deoxyuridine 5' triphos. Na salt	83/ 1mg	one to start
	QIAGEN	800-426-8157	UB300	QIAquick PCR purification kit (50)	68.49	one to start
	Gibco BRL	800-828-6686	WB238	SuperScript II RNaseH reverse transcriptase	151.95	
	Amersham	800-323-9750	27-2166-01	pd(N)6 sodium salt (for random priming)		
	Gibco BRL	800-828-6686	18418012	Oligo dT primer (for polyA priming) 25ug	66	
<b>Hybridization:</b>	Erie Scientific	800-258-0834	22x25 I	Lifterslips	39/ oz	one
	TeleChem	408-744-1331	AHC-1	ArrayIt hybridization chamber	175	one or two

**General:**

Centrifuge tubes
Milli-Q water
PCR reagents

**Access to:**

Spotting robot (at AGAC)
Slide scanner (at AGAC)