

Materials List for:

Obtaining High Quality RNA from Single Cell Populations in Human Postmortem Brain Tissue

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Materials

Name	Company	Catalog Number	Comments
4.5" Forceps	VWR international	82027-392	
Arcturus XT™ Laser-Capture Microdissection (LCM) System	MDS Analytical Technologies	13821-00	
CapSure™ HS LCM Caps	MDS Analytical Technologies	LCM 0214	
CapSure® Macro LCM Caps	MDS Analytical Technologies	LCM 0211	
Experion™ Automated Electrophoresis Station	Bio-Rad	700-7001	
Experion™ RNA HighSens Chips	Bio-Rad	700-7155	10 chips
Experion™ RNA HighSens Reagents	Bio-Rad	700-7156	10 chips
Experion™ RNA StdSens Chips	Bio-Rad	700-7153	10 chips
Experion™ RNA StdSens Reagents	Bio-Rad	700-7154	10 chips
Falcon® polypropylene Conical tube	BD Biosciences	352070	
GeneAmp® thin-walled reaction tube with domed cap	Applied Biosystems	N8010611	
GeneChip® Human X3P array	Affymetrix	900516	6 chips
Histogene® LCM Frozen Section Staining kit	MDS Analytical Technologies	KIT0401	For staining solution, jars, ethanols and Xylene
Histogene™ LCM slides	MDS Analytical Technologies	12231-00	
Micro Slide Box	VWR international	48444-004	
Microm HM 505E cryostat	Thermo Fisher Scientific, Inc.	22-050-350	Catalogue number for similar product as current product no longer available
Microprocessor Controlled 280 series Water bath	Thermo Fisher Scientific, Inc.	51221048	Model 282
Molecular Sieve	EMD Millipore	MX1583L-1	
NanoDrop 1000 Spectrophotometer	Thermo Fisher Scientific, Inc.	n/a	The NanoDrop 1000 is not available anymore, but the NanoDrop 2000 is comparable.
Nuclease-free water	Ambion	AM9932	
PEN Membrane glass slides	MDS Analytical Technologies	LCM 0522	
PicoPure® RNA Isolation kit	MDS Analytical Technologies	KIT0204	
RiboAmp®HS ^{PLUS} with Biotin labeling	MDS Analytical Technologies	KIT0511B	12 reactions Includes TURBO biotin labeling™ kit

RNase Zap®	Ambion	AM9780/2	
RNase-Free DNase Set	Qiagen	79254	
RNasin® Plus	Promega Corp.	N261B	
SuperScript™ III Reverse Transcriptase	Invitrogen	18080-044	