

Materials List for:

Laser-assisted Microdissection (LAM) as a Tool for Transcriptional Profiling of Individual Cell Types

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Materials

Name	Company	Catalog Number	Comments
Ethanol	VWR	1,009,861,000	absolute EMPROVE Ph Eur,BP,USP
15 ml falcon centrifuge tubes	VWR	62406-200	
2100 Bioanalyzer	Agilent	G2939AA	
Acetic Acid	Applchem	A3686,2500	100% Molecular biology grade
Ambion Nuclease free water	life technologies	AM9932	
ASP200 S	Leica	14048043624	tissue processor
black cardboard			can be purchased in special paper shops
DNA- and RNase-free Frame Slides	Micro Dissect GmbH		1, 4 µm PET-membrane; can also be purchased from Leica
Dumond Forceps	Actimed	0208-5SPSF-PS	
ethanol lamp			
exsiccator	Sigma-Aldrich	Z354074-1EA	Nalgene Vacuum Dessicator or similar equipment
filter tips 10 µl	Axon Lab AG	AL60010	can be replaced by similar tips
filter tips 1,000 µl	Axon Lab AG	AL60010	can be replaced by similar tips
filter tips 20 µl	Axon Lab AG	AL60020	can be replaced by similar tips
filter tips 200 µl	Axon Lab AG	AL60200	can be replaced by similar tips
forceps precision	VWE	232-1221	
glass slide holder	Huber & Co.AG	10.0540.01	Färbekästen nach Hellendahl
glass staining trough	Huber & Co.AG	10.0570.01	Färbekasten
Heated Paraffin Embedding Module Leica	Leica	Leica EG 1150 H	blocking station, similar devises are suitable
Heating and Drying Table	Medax	15501	other models and/or suppliers are suitable
ice bucket	VWR ice bucket with lid	10146-184	similar buckets equally suitable
light table	UVP An Analytical Jena Company	TW-26	white light transilluminator
microscope slide	Thermo Scientific	10143562CE	cut edges
microtome blade	Thermo Scientific	FEAHS35	S35 microtome blade disposable
MMI Cell Cut Plus Instrument	MMI (Molecular Machines and Industries)		
Non-stick, RNase free Microfuge tubes, 2 ml	life technologies	AM12475	
Paraplast X-TRA	Roth	X882.2	for histology
PicoPure RNA Isolation Kit	life technologies	KIT0204	Arcturus PicoPure RNA Isolation Kit

plastic balancing trays	Semadeni AG	2513	
plastic box	Semadeni AG	2971	Plastikdose PS
plastic lid for heating plate			homemade
preparation needle	VWR	631-7159	
RNA 6000 Pico Kit	Agilent	5067-1513	
RNAse free microfuge tubes	life technologies	AM12400	
RNAse ZAP Decontamination Solution	life technologies	AM9780	
Semi-automated Rotary Microtome	Leica	RM2245	similar devices are equally suitable
Tissue Loc Histo Screen Cassettes	Thermo Scientific	C-1000_AQ	similar cassettes of other suppliers are suitable
Tubes with adhesive lid, without diffusor 500 µl	MMI (Molecular Machines and Industries)	50204	
Xylol (Isomere) ROTIPURAN	VWR	4436.2	min. 99%, p.a., ACS, ISO SP
process embedding cassettes	Leica	14039440000	Leica Jet Cassette I without lid
Universal Oven	Memmert	UF55	other models and/or suppliers are suitable