

Materials List for:

RNA Isolation from Cell Specific Subpopulations Using Laser-capture Microdissection Combined with Rapid Immunolabeling

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Materials

Name	Company	Catalog Number	Comments
Membrane coated slides	Leica Biosystems	11505158	MembraneSlides PEN-Membrane 2,0 ��m; 50 pcs
Surface RNase decontamination solution	Life technologies	AM9780	RNaseZap
Fixative			70% Ethanol kept at -20 ��C
Anti-TH	Pel-Freez	P40101	1:25
RNase free buffer			DEPC PBS + 1% BSA+0.02% triton
RNase inhibitor	Promega	N2615	Rnasine Plus Rnase Inhibitor 40 kU/ml (stock)
Anti-rabbit biotinylated	Vector Laboratories	BA-1000	
Vectastain Elite ABC kit Standard	Vector Laboratories	PK-6100	8��l/ml
DAB Peroxidase Substrate Kit	Vector Laboratories	SK-4100	
RNA isolation kit	Life technologies	KIT0204	Arcturus PicoPure RNA Isolation Kit
H ₂ O ₂ 30%	Sigma	HC4060	
Ethanol absolute			
Laser microdissection system	Leica microsystems		Model AS-LMD
DEPC	Alfa Aesar	B22753-14	
Bioanalyzer	Agilent		Agilent 2100 Bioanalyzer
Embedding mold	Leica Biosystems	14702218311	6x8mm
Hydrophobic barrier pen	Vector Laboratories	H-4000	
Frozen tissue embedding media	Tissue-Tek	4583	
Bioanalyzer chip	Aligent Technologies	5067-1513	RNA 6000 Pico LabChip used with Agilent 2100 Bioanalyzer
Hot start reaction mix for quantitative PCR	Roche	6402712001	Fast Start Essential DNA Green Master
Reverse transcriptase	Life technologies	11752-050	SuperScript III First-Strand Synthesis SuperMix for qRT-PCR