

Materials List for:

Droplet Barcoding-Based Single Cell Transcriptomics of Adult Mammalian Tissues

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Materials

Name	Company	Catalog Number	Comments
Products			
RNAse out	Biosciences	786-70	
Pentobarbital sodium	Euthanyl		50mg/kg
HBSS	Gibco	14175-095	
Dispase 5U/ml	StemCell Technologies	7913	5 mg/ml
Collagenase-4 125 CDU/mg	Sigma-Aldrich	C5138	2 mg/ml
DNase	Sigma-Aldrich	DN25	10mg/ml
BSA	Sigma-Aldrich	A7906	
15 ml Narrow bottom tube VWR® High-Performance Centrifuge Tubes	VWR	89039-666	
Sytox Orange Viability Dye	Molecular Probes	11320972	1.3 nM/µl
Nuc Blue Live ReadyProbes	Invitrogen	R37605	
Agilent 2100 Bioanalyzer High sensitivity DNA Reagents	Agilent	5067-4626	
Kapa DNA Quantification Kit	Kapa Biosystems	KK4844	
Equipment			
BD FACSAria III	BD Biosciences		
Agilent 2100 Bioanalyzer Platform	Agilent		
Illumina® HiSeq 4000	Illumina		
Illumina® MiSeq SR50	Illumina		
Software			
The Cell Ranger	10x GENOMICS	support.10xgenomics.com/single-cell-gene-expression/software/overview/welcome	
Loupe Cell Browser	10x GENOMICS	support.10xgenomics.com/single-cell-gene-expression/software/downloads/latest	
R		https://anaconda.org/r/r	