

Materials List for:

Application of Laser Microdissection to Uncover Regional Transcriptomics in Human Kidney Tissue

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Materials

| Name | Company | Catalog Number | Comments |
|---|--------------------|----------------|--|
| Acetone | Sigma-Aldrich | 270725-1L | |
| AMPure Beads | Beckman Coulter | A63880 | |
| Bioanalyzer | Agilent | 2100 | |
| BSA | VWR | 0332-100G | |
| DAPI | ThermoFisher | 62248 | |
| Desiccant Cartridge | Bel-Art | F42046-0000 | |
| DNase | Qiagen | 79254 | RDD buffer is included in the package |
| Laser Microdissection Microscope | Leica | LMD6500 | |
| Megalin/LRP2 Antibody | Abcam | ab76969 | Directly conjugated to Alexa Fluor 568 |
| Microcentrifuge tubes | ThermoFisher | AB-0350 | |
| Microscope camera | Leica | DFC700T | |
| PBS (RNase Free) | VWR | K812-500ML | |
| Phalloidin (Oregon Green 488) | ThermoFisher | O7466 | |
| PicoPure RNA Isolation Kit | Applied Biosystems | KIT0204 | |
| PPS-membrane slides | Leica | 11505268 | |
| qPCR Human Reference Total RNA 25 µg | Takara Clontech | 636690 | |
| RNA 6000 Eukaryote Total RNA Pico Chip | Agilent | 5067-1513 | |
| RNase Away | ThermoFisher | 7000 | |
| RNase Inhibitor | ThermoFisher | AM2696 | |
| Sequencer (HiSeq or NovaSeq) | Illumina | NA | |
| SMARTer Stranded Total RNAseq Pico Input v2 | Takara Clontech | 634411 | |
| Tamm-Horsfall Protein Antibody | R&D Systems | AF5144 | Directly conjugated to Alexa Fluor 568 |
| Tissue-Tek® O.C.T. Compound | Sakura | 4583 | |