

Arcturus LCM Reagents and Supplies (2014)

I. For Staining:

- a. KIT0401 - Histogene frozen section staining kit – 72 samples - \$346 - includes stain, slides, staining jars, and solvents (75%/95%/100% ethanol, xylene, water)
 - i. RNA friendly stain
 - ii. Includes all the reagents necessary for staining and dehydration
- b. KIT0420 – Histogene Immunofluorescence staining kit – 32 samples - \$952
 - i. RNA friendly stain
 - ii. Designed for frozen sections
 - iii. User needs to have a primary antibody that is biotinylated
- c. KIT0312-S – Paradise Plus staining kit – 60 samples - \$328 – includes stain, staining jars, and solvents (75%/95%/100% ethanol, xylene, water)
 - i. RNA friendly stain
 - ii. Designed for formalin fixed paraffin embedded (FFPE) section

II. For LCM:

- a. CapSure LCM caps:
 - i. LCM0211 (48 caps - \$252)/LCM0212 (240 caps - \$1202) – Macro caps
 - I. Normally for larger areas of capture
 - II. Recommended if using LCM0521 (frame membrane slides)
 - ii. LCM0214 (32 caps - \$379)/LCM0215 (160 caps - \$1722) – HS caps
 - I. Ideal for single cells or a small number of cells
 - iii. LCM0213 – 24 HS caps + alignment tray + incubation block - \$1088
- b. Slides:
 - i. LCM0521 – Frame membrane slides (50 slides - \$312)
 - ii. LCM0522 – glass membrane slides (50 slides - \$247)
- c. Microcentrifuge tubes
 - i. N8010611 – 0.5 microcentrifuge tubes (1000 tubes - \$193)
 - I. We found these fit the best to the Capsure caps

III. DNA extraction:

- a. KIT0103 – PicoPure DNA (150 HS extractions/30 Macro caps extractions - \$165)
 - i. Designed for use with the LCM caps
 - ii. For both frozen and FFPE samples

IV. RNA extraction:

- a. KIT0204/KIT0214– PicoPure RNA (40 extractions - \$310/200 extractions - \$1372)
 - i. Designed for small amount of RNA sources (LCM, cell sorting, etc)
 - ii. For frozen samples
- b. KIT0312-I – Paradise Plus RNA extraction (12 extractions - \$405)
 - i. Designed for FFPE samples
 - ii. Includes Dnase treatment
- c. KIT0315 – Paradise Plus WT –RT kit (12 samples - \$571)
 - i. Designed for FFPE samples
 - ii. Includes Reverse Transcription components.
 - iii. Final product is cDNA

V. RNA amplification and labeling kits

- a. We actually have several options depending on the microarray platform or qRT-PCR platform used. I've included the datasheet to explain how the kits work but it's probably best to have the end user contact me and I can go over it with them.