



## Data Sheet

**Product Name:** Pure Human Colon Adenocarcinoma Cells Isolated by LCM from FFPE Sample

**SKU#:** LCM-C07001T

### Product Preparation

1. FFPE samples are cut at 6 microns and mounted onto pen membrane glass slides and let the slides dry for 2 hours at room temperature.
2. After deparaffinization and rehydration, quick H&E staining is performed.
3. Arcturus XT Laser Microdissection System is used for LCM. Microdissection is performed using IR and UV laser and CapSure Macro LCM Cap.
4. The microdissected cells are on the film of Macro LCM Cap. The total dissected cells may be varied between 10,000 to 50,000 cells which depend on tissue type.

### Quality Control

1. The tissue H&E staining slides are examined by certified pathologists. Pathological re-confirmation report is generated and digital image captured.
2. LCM is supervised by our certified pathologist.
3. Three example LCM images including Before, After LCM, and LCM cap images from LCM tissue slides are taken to demonstrate the dissected cells.

### Donor Information

Tissue ID	Organ	Pathology Diagnosis	Gender/Age
Hu-C07001T	Human colon	Human colon invasive ductal carcinoma	Male/64

### Product Format and Size

10,000 to 50,000 cells on LCM cap

### Applications

DNA, RNA and protein isolation.

### Storage

Store at -80°C