

AccuLift LCM Release Slides



AccuLift™ LCM Release Slides improve tissue recovery with each laser pulse, even for challenging tissue types and frozen tissue sections. Each AccuLift LCM Release Slide has a proprietary conductive coating that releases the tissue sample on command.

Problem: Attractive force between frozen tissue sections and glass microscope slides force can be very strong and difficult to overcome during laser capture microdissection (LCM), causing tearing or incomplete capture of the desired tissue.

Solution: AccuLift LCM Release Slides reduce the attractive force between the slide and the tissue section, allowing for better capture during microdissection.

The AccuLift Advantage

AccuLift LCM Release Slides are designed to reduce the attractive force between your tissue slide and your tissue on command. Unlike ordinary glass slides, which retain a strong attractive force for your tissue sample during microdissection, our proprietary slides are coated with an optically transparent, IR-reflective material that releases your tissue sample as it is microdissected (Figure 1). Dissect with confidence that every pulse will extract the majority of the tissue it touches, limiting the time you spend harvesting tissue. Designed to work with existing IR LCM systems and dual IR/UV LCM systems, AccuLift LCM Release Slides save you time and preserve more of your sample. The coating does not reduce optical clarity of the slides, nor does it increase tissue loss during staining.

Highlights

Recovery—Maximum tissue recovery with each laser pulse, even for challenging tissue types from frozen or FFPE tissue sections.

Unique—IR-reflective, optically clear, chemically inert coating reduces the attractive force between your tissue section and the AccuLift LCM Release Slide.

Flexible—Compatible with existing IR LCM systems and dual IR/UV LCM systems. No changes to your favorite protocols are necessary!

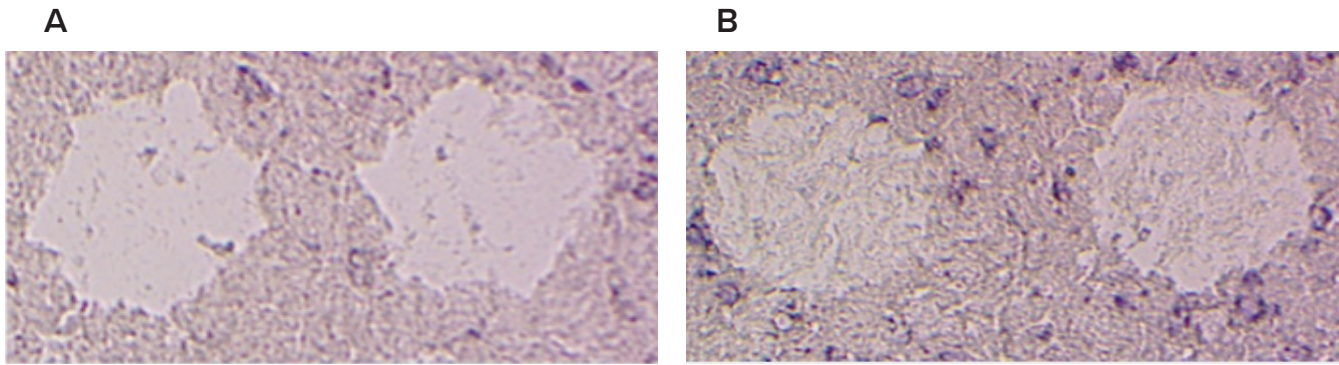


Figure 1. AccuLift LCM Release Slides allow for the release of more frozen tissue during microdissection. A 5 x 5 grid pattern of microdissected spots was used to compare slide types. A) H&E stained mouse brain on AccuLift LCM Release Slides B) H&E stained mouse brain on ordinary glass slide. Following microdissection, more material is left behind on an ordinary glass slide.

Product Configurations and Ordering Information

Product	Quantity	Product Number
AccuLift™ LCM Release Slides	10 pack	10005

Optional Materials

Product	Quantity	Product Number
AccuLift™ LCM GeckoGrip™ Caps	24 pack	10004
AccuLift Rapid RNA Extraction Kit	50 samples	10006
AccuLift RNA Spin Column Micro Prep Kit	50 samples	10010
AccuLift RNA Cleanup and Concentrator Kit	50 samples	10012
AccuLift First-Strand cDNA Synthesis Kit	50 samples	10008
AccuLift Ultra-sensitive RNA Amplification Kit for LCM	10 samples	10007

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