

Results you can trust.

Are you experiencing issues with tissue lifting? While often the stainer gets blamed, sometimes it's just the slide.

Troubleshooting

Tissue Lifting/Washing

Dirt/Debris Interfering with Digital Pathology

Background Staining

Solution

KT3+ or KT5+

Any KT slide

KT3+ or KT5+

Proven Performance

The cost of reworking a failed IHC slide due to poor tissue adhesion is estimated to be ~\$80 per slide, including reagent costs and workload administration.¹ During testing, the KT3+ and the KT5+ formulas both demonstrated stronger tissue adhesion than most current market-leading brands, with the KT5+ formula also boasting minimal background staining, making the slide an ideal choice for use with every histology application. Even the trickiest of tissues stay adhered to the slide during processing, without disrupting runoff of excess reagents.²

Rigorous Attention to Detail

With over 35 years of experience, we know slides. KT Slides are manufactured with premium raw materials. All slides must pass rigorous two-step quality controls by both manual and automated vision systems, ensuring slides are free from debris, have uniform dimensions and are evenly coated. When it's time to leave our facility, slides are packaged using moisture-proof materials and carefully monitored for expiration to guarantee optimal staining results.

KT Slides are made in Germany today but will also be dually manufactured in a new, state-of-the-art facility in Texas, so labs get fresh product on a dependable schedule while we invest in American manufacturing.

What does this mean for you? Slides that you can trust with your results, and a stable supply you can count on.

Request a free sample at [StatLab.com/KT-Slides](https://www.statlab.com/KT-Slides)

The KT Advantage

- ✓ Digital-pathology ready
- ✓ Proven to maintain tissue integrity post-staining
- ✓ Two-step quality control yields flawless, consistent slides
- ✓ Dependable paint ensures print withstands processing
- ✓ Validated on a variety of printers, stainers, automated coverslippers, and imagers



1. <https://elearn.nsh.org/products/slide-surface-chemistry-understanding-an-essential-link-to-obtaining-quality-ihc-staining-results>

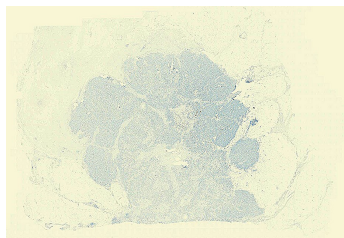
2. Brewer, et al. Assessing Adhesion Slide Performance Across Histology Applications. Poster presented at: NSH; New Orleans, LA. September 22, 2024.

Choosing the Right Slide

Slide	Adhesion	Application	Waterbath Behavior	Printer Compatibility
KT1	Uncoated	Ideal for H&E, Special Stains, Cytology and Hematology	Hydrophobic: the section jumps to the slide	KT1: Thermal transfer and UV laser printer compatible KT1-i: Ink-jet and UV laser printer compatible
KT3+	Standard Adhesion Without Background Staining	High adhesion; great for routine histology staining and frozens, as well as IHC	Hydrophobic: the section jumps to the slide	KT3+: Thermal transfer and UV laser printer compatible KT3+-i: Ink-jet and UV laser printer compatible
KT5+	Advanced Adhesion Without Background Staining	Superior adhesion for even the trickiest of tissues and tough chemical processes, including IHC and ISH	Hybrid: the section jumps to the slide but can be repositioned	KT5+: Thermal transfer and UV laser printer compatible KT5+-i: Ink-jet and UV laser printer compatible

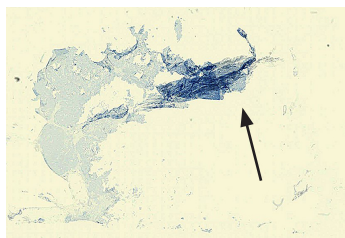
Proven Adhesion to Reduce Tissue Wash

Slides with breast tissue were processed and stained on a Ventana IHC stainer to understand adhesion performance.



KT5+

100% of tissue remained intact post-staining.

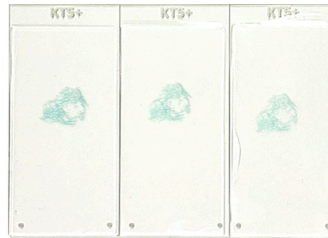


Competitor Slide

Less than 50% of tissue remained intact post-staining.

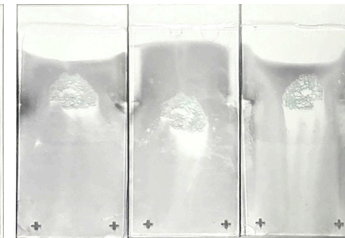
Reduced Background Staining

Slides with fungal elements were manually stained with GMS (Grocott's Methanamine Silver) Stain Kit using the same protocol.



KT5+

No residual background staining is apparent.



Competitor Slide

Significant background staining observed.

See the complete whitepapers at [StatLab.com/kt-slides](https://www.statlab.com/kt-slides)

KT PREMIUM SLIDES Sold by the case (144 slides per gross, 10 gross per case)

Color, Corner	KT1 Non-Adhesion	KT3+ Standard Adhesion	KT5+ Advanced Adhesion
White, 90°	KT1-WH-90	KT3+-WH-90	KT5+-WH-90
Green, 90°	KT1-GR-90	KT3+-GR-90	KT5+-GR-90
Blue, 90°	KT1-BL-90	KT3+-BL-90	KT5+-BL-90
Pink, 90°	KT1-PK-90	KT3+-PK-90	KT5+-PK-90
Yellow, 90°	KT1-YL-90	KT3+-YL-90	KT5+-YL-90
Gray, 90°	KT1-GY-90	KT3+-GY-90	KT5+-GY-90
Orange, 90°	KT1-OR-90	KT3+-OR-90	KT5+-OR-90
Tan, 90°	KT1-TN-90	KT3+-TN-90	KT5+-TN-90
Lavender, 90°	KT1-LV-90	KT3+-LV-90	KT5+-LV-90

Additional corner options available.

Additional options optimized for inkjet printing available.



Point your camera here to learn why HCA Mid America Division switched all their slides to KT3+

