

Tek-Select® Clear Perma Slip UV Mounting Medium Directions

Application of Tek-Select UV Clear Slip Mounting Medium

- Tek-Select UV Clear Slip (xylene-free) Mounting Medium was developed to replace all (before coverslipping) xylene-based mounting and xylene baths.
- Please note - Xylene has the same drying effect as 100% alcohol; if a technician prefers to use Tek-Select UV mounting Medium.
- Application of UV Mounting Medium is the same as you been doing in the past with traditional mounting mediums, coverslipping directly out of 100% Alcohol is possible.
- Note: xylene can also work with UV Clear Slip mounting medium if so desired, you will get the same drying effect of 30 seconds drying time with a UV Light Source.

Directions for Tek-Select UV Clear Slip Mounting Medium

- Apply the proper amount (a few drops) of Tek-Select UV Clear Slip Mounting Medium from the application bottle to your stained slides in your manual coverslipping operations. Note: Tek-Select UV Clear Slip mounting can be fitted (with few modifications) to use with automated glass coverslippers such as the Leica 5030 Coverslipper or the Sakura Glas-Coverslipper G-2. Please contact IMEB INC for information on how to modify your glass coverslipper to Tek-Select UV Mounting Medium for xylene-free use and 30-second drying.
- Once the microscope slides are coverslipped with Tek-Select UV Clear Slip Mounting Medium: Lay out the coverslipped slides on a 2-slide cardboard folder (open folder) and Place in UV Light Box for a minimum of 30 seconds.
- Now, Microscope coverslipped slides are dried and can be screened by a Pathologist, Dermatologist, or Technician. Simply, store and archive the microscope slide.
- Note that any excess or overflow of the mounting medium is easily removable with a straight-edge razor by shaving off the excess medium once the medium is dry.



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Removal of Coverslip after Drying with Tek-Select UV Mounting Media (xylene free)

Procedure for Coverslip Removal

1. A 30-second xylene bath is required before using UV Mounting Media to ensure easy coverslip removal, only when microscope-stained slide removal is performed at a later date.
2. To provide a membrane barrier between the microscope glass slide and UV xylene-free Media, a xylene bath of 30 seconds is required. NOTE: If removal of the coverslip is not needed, coverslipping directly out of 100% alcohol is the preferred method.
3. A 30-second drying minimum is required if you are drying a microscope-stained slide after a xylene bath using a UV light source, or an IMEB INC. UV Drying Box.
4. If coverslip removal is necessary after the initial UV drying process, a 1-24 hour acetone soaking is required to allow the easy removal of a stained microscope slide. Coverslip removal is easier with longer acetone soakings. Use a Microtome blade or scalpel knife to peel back the coverslip without causing any damage to the stained tissue after acetone soaking for a minimum of 1-2 hours.
5. After removing the Coverslip, use your standard decolonization process to re-stain the slide, the decolorization process.

**TO PLACE ORDERS OR FOR QUESTIONS,
PLEASE CONTACT IMEB INC.**

1-800-543-8496



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Questions and Answers

Tek-Select® UV Mounting Media (xylene-free)

FREQUENTLY ASKED QUESTIONS

Question: What time studies has been done with Tek-Select UV Clear Slip Mounting Medium?

Answer: We currently have done a 5 year time study with no changes in the 5 year stored microscope stained slide with UV Clear Slip Mounting Medium.

Question: Is there any yellowing of coverslipped microscope slides with Tek-Select UV Mounting Media over a 5 year period?

Answer: There is no yellowing of coverslipped microscope slides when Tek-Select UV Mounting Medium over the past 5 years.

Questions: Is there any change in refractive index from traditional mounting Mediums to Tek-Select UV Clear Slip Mounting Medium?

Answer: There is no difference in refractive index between traditional mounting medium and the new Tek-Select UV Clear Slip Mounting medium.

Question: Can Tek-Select UV Clear Slip Mounting Medium be used with IHC stained slides?

Answer: Tek-Select UV Clear Mounting Medium has been tested with all types of IHC stained slide without any issues.

Question: Is SDS Safety Sheet Available?

Answer: Yes SDS Safety sheet is available for Tek-Select UV Clear Slip Mounting Medium.

Question: Can Tek-Select UV Clear Slip Mounting Medium be used on all automated Glass Coverslipperr?

Answer: We have tested and secured that the Tek-Select UV Mounting Medium works with the Leica 5030 Glass Coverslipper and the Sakura G-1 Glass Coverslippers. All other Glass Coverslippers have not been vetted for UV Mounting Medium use of July,2025.

FOR ADDITIONAL QUESTIONS, PLEASE CONTACT IMEB INC. AT

1-800-543-8496

What It Is

1. A xylene-free UV-curing mounting medium.
2. Designed to replace traditional xylene-based mounting methods.
3. Compatible with manual and automated glass coverslippers (e.g., Leica 5030, Sakura G-1).

How to Use It

1. Stain your slides as usual.
 2. Apply a few drops of Tek-Select UV Clear Slip directly onto the stained tissue.
 3. Coverslip the slide (manually or using a compatible coverslipper).
 4. Place the slides on a 20-slot cardboard folder (opened flat).
 5. Cure under a UV light source (or IMEB UV Drying Box) for at least 30 seconds.
 6. Slides are now completely dry and ready for review, storage, or archiving.
- Excess cured mounting medium can be shaved off easily using a straight razor.

Coverslip Removal (If Needed)

1. If coverslip removal might be needed later, first dip the slide in xylene for 30 seconds before mounting.
2. To remove a cured coverslip:
 1. Soak slide in acetone for 1–24 hours (longer = easier removal).
 2. Use a microtome blade or scalpel to gently lift off the coverslip.
 3. Proceed with your usual decolorization and re-staining steps.

Common Questions

1. Q: Will slides yellow or degrade over time?
A: No. Slides remain clear with no yellowing even after 5 years.
2. Q: Does it affect the refractive index?
A: No. The refractive index is the same as traditional mounting media.
3. Q: Can I use this with IHC-stained slides?
A: Yes, it's fully compatible.
4. Q: Is an SDS available?
A: Yes. Contact IMEB for a copy.
5. Q: What coverslippers are supported?
A: Leica 5030 and Sakura G-1 are confirmed. Others may need testing or modification—contact IMEB.

Need Help or Want to Order?

IMEB Inc.
sales@imebinc.com
1-800-543-8496
www.imebinc.com





Optional Step if You'd Like to Remove Your Coverslip

Dip the slide in **xylene** for 30 seconds before mounting.

Next, proceed with your standard mounting process.

IF YOU REMOVE A CURED COVERSIP



1. Soak slide in acetone for 1–24 hours (longer = easier removal).



2. Use a microtome blade or scalpel to gently lift off the coverslip.



3. Proceed with your usual decolorization and re-staining steps.