



CoverSeal™ Mounting Medium

- Intended Use -

CoverSeal™-X, CoverSeal™-T, and CoverSeal™ PLUS have an antioxidant included to prevent fading of standard Hematoxylin and Eosin stains. Both are miscible with routine clearing agents, have an optimum refractive index and are suitable for both manual and automated cover slipping processes.

CoverSeal™-AQ is formulated to be used after aqueous based stains, such as Romanowsky stains and IHC staining. It is to be used in addition to the standard mounting media such as CoverSeal™-X or CoverSeal™-T. It is added as a pre-mounting medium following aqueous base stain prior to standard toluene or xylene based mounting mediums. It has the advantage of tolerating water transferred from the staining procedure.

CoverSeal™-PLUS can be used after xylene, but is a versatile mounting medium which is formulated to also eliminate xylene altogether during the cover slipping procedure for frozen sections and staining procedures not requiring xylene clearing such as cytology. Simply eliminate the last dish of xylene and coverslip directly from Isopropyl alcohol or fresh dish of ethanol 100%.

- General Information -

CoverSeal™-X and CoverSeal™-T can be used for sections from tissues embedded in paraffinic hydrocarbon waxes. It produces high quality slides, dries quickly, and does not yellow with age. It can also be used if staining sequences contain xylene as a clearant.

CoverSeal™-AQ can be used for sections from tissues embedded in hydrocarbon-based waxes and stained with aqueous stains. It can also be used to coverslip non-paraffin embedded sections of tissues and stained with aqueous stains. It is used as a pre-mounting medium for tissue sections, cell spreads, cytopspins or tissue imprints stained with water-based stains and IHC applications requiring aqueous mounting medium.

- Storage -

Keep in a cool, dry well-ventilated area. Keep containers tightly closed. Store in correctly labeled container and keep away from direct sunlight.



- Packaging -

Catalog#	Volume
FX2177	CoverSeal™-T, Toluene, 4oz
FX2178	CoverSeal™-T, Toluene, 500ml
FX2175	CoverSeal™-X, Xylene, 4oz
FX2176	CoverSeal™-X, Xylene, 500ml
FX2175-AQ2	CoverSeal™-AQ2, 1oz
CS120	CoverSeal™-PLUS, 4oz
CS001	CoverSeal™-PLUS, 500ml

- Instructions for Use -

1. Settle 8 hours before using to allow any bubbles formed during transport to settle or dissipate.
2. Lay a coverslip or slide on an absorbent surface. Coverslip can be layed onto slide, or slide can be layed onto coverslip depending on preferred technique.
3. **Coverslip:** Manually, using dropper tip, or alternatively a glass rod or pipette, and drop approximately 1-3 drops (0.5-1.5ml) of mounting medium onto glass coverslip. Remove slide from the clearing agent and invert the stained slide specimen side down, and lower the stained slide until it reached the coverslip.
4. **Stained slide:** Alternatively, remove slide from clearing agent, using dropper tip, or alternatively a glass rod or pipette, drop approximately 1-3 drops (0.5-1.5ml) of mounting medium onto stained slide, and lower the coverslip at approximately a 45-degree angle until it reached the mounting medium. Gently lay the coverslip flat onto the slide allowing medium to spread under coverslip.
5. Starting at one edge, for either technique, gently press out any noticeable air bubbles with a pair of forceps. Excess mounting medium should be wiped and absorbed with lint free towel or wipe.
6. Allow the stained slide and coverslip to dry in a horizontal position for one hour prior to moving or viewing under a microscope.
7. For solvent mediums, the coverslip can be removed by soaking the mounted slide in a clearing agent.
8. Allow the mounted slides to dry for 48 hours prior to filing. This ensures slides are sufficiently dried to prevent sticking together.
9. CoverSeal™ is ready to use, and any modification is done at user's risk. Refer to expiration date on container.

