

Simpo-Mount

(Water-based, coverslip free, universal mounting media)

Storage: 2-8 degrees

 Catalog No.: E03-18 18ml
 E03-100 100ml
Intended Use:

Simpo-Mount is water-based mounting medium for immunohistology. It is used for the permanent preservation of the following chromogens or dyes. Simply apply drops of Simpo-Mount on the tissue section a liquid polymer coverslip will form. It does not need coverslip. This universal mounting media maintains the original stain intensity and characteristics. It demonstrates excellent optical clarity.

Compatible with:	NOT Compatible with:
1. Horseradish peroxidase chromogens: 1) Diaminobenzidine(DAB), 2) 3-amino, 9-ethylcarbazole (AEC), 3) 4-chloro-1-naphthol 2. Alkaline phosphatase chromogens: 1) 5-bromo, 4-chloro,indolylphosphate/ iodonitrotetrazolium(BCIP/INT), 2) 5-bromo, 4-chloro, 3-indolylphosphate/nitro- bluetetrazolium(BCIP/NBT) 3) Naphthol AS-MX phosphate/Fast Red TR salt. 3. Fluorescent specimen: 1) Fluorescein 2) Rhodamine 3) Texas Red 4) FluoroBlue	1. Fluorescent Specimen stained with: 1) Phycoerythrin, 2) Phycocyanin 3) Allophycocyanin. 4) 2. Conterstains: 1) Nuclear Fast Red 2) BC-50 3) Light Green 3. Tetramethylbenzidine (TMB) 4. Eosin

Kit Component:

Simpo-Mount solution 18ml or 100 ml
 Contains less than 0.05% sodium azide.

Recommended Protocol:

1. Recommended maximum section thickness is 5-8 microns. Thicker sections may produce air pockets
2. Must apply Simpo-Mount when tissue is wet. Air bubbles may be formed when tissue is dry
3. Rinse slide with **DISTILLED OR DEIONIZED WATER**, touch the edges of slide on a paper towel to remove excess water and quickly wipe the back of the slide.
4. Invert dropper bottle to displace bubbles from the tip-end.
5. Squeeze out the first drop onto a paper towel to remove of air bubble on the tip.
6. Apply 3 drops of Simpo-Mount to cover the tissue section. **DO NOT** coverslip on top of the Simpo-Mount.
7. Rotate the slides to allow Simpo-Mount spread evenly to cover the tissue section.
8. Place slides horizontally in an oven at 40-50°C for at least 30 minutes or leave it at room temperature until slides are thoroughly dried. Slow dry at room temperature will help to eliminate the air bubbles. When use with fluorescent specimen, bake at 60-70°C for 20 minutes.
9. Hardened Simpo-Mount forms an impervious polymer barrier to organic solvent.
10. Allow sufficient time of drying slides before storage.
11. For maximum retention of fluorescence, slides should be kept in dark place at 4°C.
12. Do not use oil directly on the top of dried Simpo-Mount.

Removal of Coverslip: *If the coverslip has to be removed, soak the slide in warm(37°C) water for 5-10 minutes until the mounting medium is dissolved. Rinse slide with warm water to remove all mounting medium. The slide can be remounted again.*

Storage:

Store at 2-8 °C for longer shelf life.

Remarks:

For research use only. Not for diagnostic or therapeutic use. Follow good laboratory practice to handle Simpo-Mount.