



MILESTONE
H E L P I N G
P A T I E N T S

FineFIX Module

Enhanced manual staining of frozen sections

THE FINAL STEP TOWARDS HIGH-QUALITY FROZEN SECTIONS

PROCESSING SLIDES WITH THE FineFIX MODULE PRIOR TO STAINING

The high quality of Milestone frozen sections can only be obtained by freezing the specimens with PrestoCHILL and by processing the slides with FineFIX (patent n. EP 1 455 174 B1) before staining. FineFIX is an ethanol-based patented fixation and processing reagent. Its formulation with low-toxicity additives overcomes the drawbacks commonly associated with the use of pure ethanol or ethanol-based fixatives, e.g. significant tissue shrinkage, vacuolization and pyknotic nuclei.



Your own manual staining system

FineFIX Module

THE FineFIX MODULE



The FineFIX Module consists of a heated metal vessel in which the FineFIX solution is kept at 40°C. Frozen section slides are immersed in the solution for 15-60 seconds in order to simultaneously carry out the specimen's fixation, dehydration and lipids extraction. After this pre-step, the specimens are stained according to the user's standard protocols.

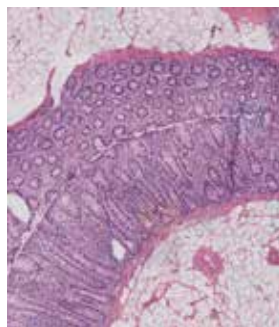
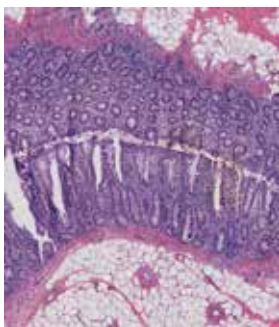


Set the time, operating temperature and max number of runs before substituting the FineFIX solution.

Immerse the slide rack in the FineFIX vessel. Press START. After the set time an audible alarm will ring.

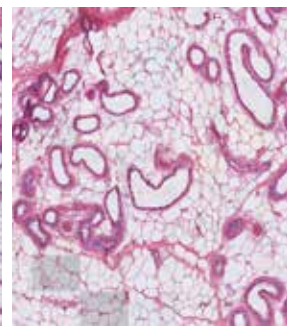
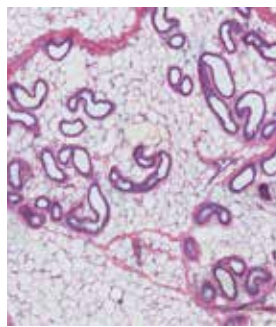
Extract the slide rack and carry out your standard staining procedure.

HOW THE FINEFIX MODULE ENHANCES THE RESULTS OF MANUAL STAINING



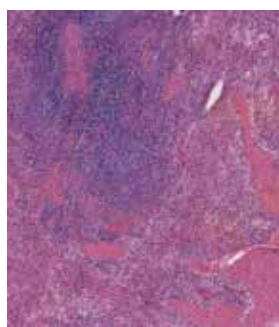
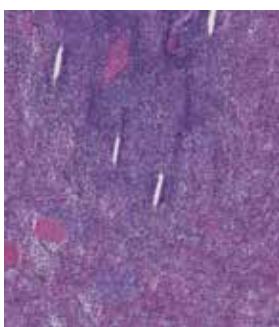
Colon. Without FineFIX

With FineFIX processing



Fat. Without FineFIX

With FineFIX processing



Spleen. Without FineFIX

With FineFIX processing

EXAMPLE OF MANUAL STAINING PROTOCOL

- | | |
|-------------------------------|------------------------|
| » Water: 10 sec. | » Water: 10 sec. |
| » Hematoxylin: 180 sec. | » Eosin: 60 sec. |
| » Water: 20 sec. | » Ethanol: 20 sec. |
| » HCl 0.1% in ethanol: 5 sec. | » Ethanol: 20 sec. |
| » Water: 10 sec. | » Isopropanol: 20 sec. |
| » Lithium Carbonate: 5 sec. | » Isopropanol: 20 sec. |