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## TECHNICAL DATA SHEET 887

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# Eco-Fix Molecular Biology Tissue Fixative, 1x

Eco-Fix MB (Molecular Biology) is specially formulated to preserve antigenic sites (for antibody probes) and nucleic acid sites (for in-situ hybridizations) in their native state making predigestion or other recovery procedures for these important sites unnecessary.

### FEATURES

- Non-formalin based tissue fixative designed for molecular biology applications
- Preserves antigenic sites and nucleic acid sites in their native state
- Tissue retain natural look and feel compared to formalin fixed tissues
- Safe, non-toxic fixative - contains no formaldehyde, glutaraldehyde or mercury

### FIXATION TIMES

Cells	15-20 minutes
Sections on Slides	45 minutes
Tissue (1 cu cm)	2-3 hours

If you are currently fixing for long periods, you may maintain your present protocol.

• Eco-Fix MB is a non-crosslinking fixative. Tissues will be softer and will have a more natural appearance than formalin fixed tissues. If firmer tissue is desired, use 4 parts Eco-Fixer to 1 part ethanol.

• **DO NOT Pre-digest!** If your current protocol contains a predigestion step (using Proteinase K, Trypsin, etc.), this step **MUST** be omitted. Eco-Fix MB does not crosslink tissue; therefore, no predigestion is required.

• After perfecting your *in-situ* hybridization or immunohistochemistry procedure using Eco-Fix MB, you may find that you can decrease your primary probe or primary antibody concentration by 1/2-1/10% and obtain the same or better results.

• The osmolality of a 1:10 dilution of this fixative in diH<sub>2</sub>O is approximately 340-360 mOsm/kg H<sub>2</sub>O. Adjustments will need to be made with sodium chloride or sucrose if working with marine (salt water) organisms.

### ORDERING INFORMATION:

CAT. #	DESCRIPTION	SIZE
25058-4	Eco-Fix MB-Tissue Fixative, 1x	4L

### TO ORDER

In The U.S. Call:	1(800) 523-2575 • (215) 343-6484
In The U.S. Fax:	1(800) 343-3291 • (215) 343-0214
In Germany Call:	+(49) 6221-765767
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