Dermatoxylin™

- Intended Use -

Dermatoxylin™ is specially formulated for skin specimens. Dermatoxylin™ exceptionally stains epidermis and dermis with precision and clarity.

- General Information -

The epidermis shows crisp nuclear staining, and parakeratotic and hyperkeratotic squamous cells demonstrate the proper blend of basophilia and eosinophilia. The nuclei of neoplastic keratinocytes in squamous carcinoma and basal cell carcinoma are crisply stained. Tissue mucin surrounding basal cell carcinoma and that found in connective tissue disorders in the dermis are very lightly and appropriately stained. For the optimum histologic results in Dermatopathology, we suggest using our Dermatoxylin™ and Dermosin™ staining sequence.

Dermatoxylin™ is an advanced Hematoxylin for use in skin histology laboratories. Dermatoxylin™ is manufactured according to strict quality control and a formulation to achieve superior performance and results. Our Dermatoxylin™ is specifically prepared to produce optimum staining in rapid time.

Dermatoxylin™ is the Hematoxylin recommended for routine regressive H&E Staining in Dermatopathology. Hematoxylin is a basic dye (hematein-aluminum complex), and our produces magnificently stained tissue sections. It has the optimum of oxidation, the proper pH, the ideal amount of specially added differentiators, and the correct amount of aluminum for a long shelf life.

- Results -

Dermatoxylin™ produces precise nuclear staining showing crisp nuclear membranes and nucleoplasm, exact staining of nucleoli and ideal amount of staining of cytoplasmic carboxyl and sulfate groups to promote excellent differentiation of eosin as a counterstain.

- Packaging -

Catalog#	Volume
ST0014	500mL
ST0015	1 Gallon

- Instructions for Use-

**Initially Deparaffinize sections with Xylene or Zero-Xylene™*

	Solution	Time
1.	100% Alcohol	20 seconds
2.	100% Alcohol	20 seconds
3.	95% Alcohol	20 seconds
4.	95% Alcohol	20 seconds
5.	70% Alcohol	20 seconds
6.	Running H_2O Wash	30 Seconds
7.	Dermatoxylin™	3-4 Minutes
8.	Running H_2O Wash	1 Minute
9.	Rinse-HD™	1 Minute
	or Acid Alcohol 1%	2-3 Seconds
10.	Running H_2O Wash	1 Minute
11.	Scott's Tap Water Bluing	15 seconds
12.	Running H_2O Wash	1 Minute
13.	70% Alcohol	30 seconds
14.	Dermosin™ **or** Eosin-Y or Eosin-Y w/ Phloxine B	1 minute
15.	100% Alcohol	20 seconds
16.	100% Alcohol	20 seconds
17.	100% Alcohol	20 seconds
18.	100% Alcohol	20 seconds
19.	100% Alcohol	20 seconds
20.	Xylene or Zero-Xylene™	20 seconds
21.	Xylene or Zero-Xylene™	30 seconds
22.	Xylene or Zero-Xylene™	30 seconds
23.	Mount and Coverslip with Coverseal™ or appropriate mounting medium	

Note: *Each of these reagents can be intermixed and used with other staining sequences and other manufacturer's reagents.*

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