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TECHNICAL DATA SHEET 977

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Weigert's Hematoxylin Kit (Solution A & B)

DESCRIPTION

Weigert's Iron Hematoxylin is used in many special staining techniques that require long periods in acidic solutions and or many rinses and pH changes from one solution to the next. A nuclear staining solution containing, hematoxylin, ferric chloride and hydrochloric acid used in many non-routine techniques (special stains) because, it resists decolorization in acidic staining solutions. Ferric Chloride is a strong oxidizer, so it serves both as a mordant and oxidizer for Weigert's Hematoxylin.

PROTOCOL

Important: Please refer to the protocol of the special stain that you are planning to use the Weigert's A and B Hematoxylin:

IMMEDIATELY BEFORE USE COMBINE EQUAL PARTS OF SOLUTION A AND B.

1. Bring sections to water with xylene and ethanol. Please follow protocol for particular special stain application Picrosirius Red Stain, Cat. #24901, or Masson's Trichrome Stain, Cat. #25088-1.
2. Place into the staining solution (working solution of A mixed with B)
 - **Picrosirius Red Stain:** Stain tissue sections for 8 minutes and proceed with staining protocol referenced on TDS# 797
 - **Masson's Trichrome Stain:** Stain tissue sections for 10 minutes and proceed with staining protocol referenced on TDS# 872

PROTOCOL

Important: If not using in a Special Stain application please proceed with the following protocol:

Immediately before use combine equal parts of solutions A and B.

1. Bring sections to water with xylene and ethanol.
2. Place into the staining solution (working solution of A mixed with B) for 1-2 hours.
3. Rinse with tap water.
4. Dip briefly in 1% hydrochloric acid in 70% ethanol.
5. Wash well in running tap water to blue.
6. Rinse with distilled water.
7. Dehydrate with ethanol, clear with xylene and mount with a resinous medium.

RESULTS

Nuclei - Black
Background - Unstained

REFERENCES

1. Gray, Peter. (1954) The Microtome's Formulary and Guide. Originally published by: -The Blakiston Co. Republished by:- Robert E. Krieger Publishing Co. Citing:- Ehrlich, P., Krause, R. et. al., (1910) Enzyklopädie der mikroskopischen technik, ed. 2, v. 1, p. 231. Weigert, K., (1904) Zeitschrift für wissenschaftliche mikroskopie und für mikroskopische technik, v. 21, p. 1.
2. Bancroft, J.D. and Stevens A. (1982) Theory and practice of histological techniques Ed. 2 Churchill Livingstone, Edinburgh & London, UK.

ORDERING INFORMATION

Cat. #	Description	Size
25373	Weigert's Hematoxylin Kit (Solution A & B)	250 ml

TO ORDER

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