

HEMATOXYLIN

Meaning: Hematoxylin is a natural dye derived from the logwood tree, used in histology to stain cell nuclei for enhanced visualization of tissue samples under a microscope.

1. Hematoxylin is commonly used as a stain in histology to highlight cell nuclei.
2. Researchers often utilize hematoxylin in combination with eosin to enhance tissue visualization under a microscope.
3. The deep blue color of hematoxylin allows for the clear differentiation of various cellular structures.
4. In medical laboratories, hematoxylin is essential for preparing slides for pathological examination.
5. Understanding the properties of hematoxylin is crucial for anyone working in histopathology.

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