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Hematoxylin and Eosin Staining Method

National Cancer Institute

Source

National Cancer Institute. *Hematoxylin and Eosin Staining Method*. NCI Thesaurus. Code C23011.

Hematoxylin-and-eosin, or H&E, is a routine staining procedure of tissue sections. This staining method uses two separate dyes, one staining the nucleus and the other staining the cytoplasm and connective tissue. Hematoxylin is a dark purplish dye that stains the chromatin (nuclear material) within the nucleus. Eosin is an orangish-pink to red dye that stains the cytoplasmic material including connective tissue and collagen.