



Mallory's Acid Hematoxylin stain kit (natural oxidation method)

Muscle fiber is a component of muscle tissue and is composed of muscle cells. According to morphology and functional characteristics, muscle fibers can be divided into smooth muscle (also known as striated muscle), skeletal muscle and cardiac muscle. There are many methods for staining muscle fibers, such as the Ponceau method, the aniline blue method, the tungsten phosphotungstic acid hematoxylin method, etc.

It is often used to stain smooth muscle, especially to show the striations of striated muscle. This method is used clinically to diagnose rhabdomyosarcoma. The histological morphology of rhabdomyosarcoma varies and is difficult to distinguish from undifferentiated mesenchymal tumors. Phosphotungstic acid hematoxylin staining, the discovery of blue striations in the tumor cytoplasm, can prove that the tumor is striated muscle differentiation. This staining solution can also stain cellulose exuded from inflammation, cellulose in capillaries of DIC, and neuropathology.

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| Catalog No. | 261047 |
| Size | 3 x 100mL |
| Product Category | Histochemical Stain |
| Storage/Stability | Ambient/2 years |
| Shipping | Ambient |