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Hematoxylin and Eosin Staining Protocol

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32490

STEPS MATERIALS

NAME	CATALOG #	VENDOR
1L Mayer's Hematoxylin Solution, Modified	786-1264	G-Biosciences
Shandon® Eosin Y Cytoplasmic Counterstain, Alcoholic	6766007	Thermo Fisher

- 1 Prepare 95% ETOH in slide staining apparatus
Heomtoxylin in slide staining apparatus
Eosin in slide staining apparatus

- 2 Stain in Mayer's Hematoxylin

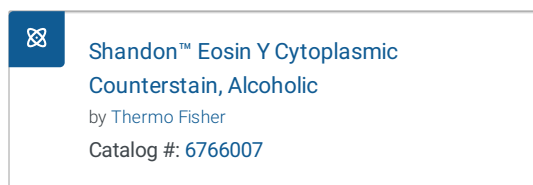
1L Mayer's Hematoxylin Solution, Modified
by [G-Biosciences](#)
Catalog #: [786-1264](#)

- 3 Rinse slides 3X 15 min in tap water - if tap water is acidic, prepare Scott's tap water recipe in sigma insert

- 4 Rinse with DI water 30 Seconds

5 Place slide in 95% Ethanol for 1min

6 Place in Eosin Y for 1 min



7 Dehydrate and clear through 2 changes each

- 95% Ethanol 2 minutes
- 100% Ethanol 2 minutes
- Xylene (Histoclear as a substitute) EMS Cat# 64114

8 Mount with resinous mounting medium 200ul / slide.