



Mayer's Hematoxylin

Catalog #3560

Intended Use

BBC presents Mayer's Hematoxylin for progressive staining in histology. This hematoxylin produces specific nuclear staining of the highest precision and clarity.

BBC offers the Histologist and Cytologist their choices of a progressive (Harris or Gill's Hematoxylin) or regressive stains (Mayer's Hematoxylin). Harris and Mayer's Hematoxylin are used primarily for histology; Gill's Hematoxylin I and II are used primarily for cytology, and Gill's Hematoxylin III can be used for Cytologic or Histologic applications. All BBC Hematoxylin formulations produce rapid and distinctive nuclear staining, and all have been ripened to their peak of staining prior to shipping.

General Information

BBC is pleased to provide excellent hematoxylin for use in histology and cytology laboratories. Our hematoxylin are specifically prepared to produce optimum staining in rapid time. Unless specifically requested, none of our hematoxylin contains Mercury. We manufacture hematoxylin for histology and cytology, and we have hematoxylin formulated for regressive or progressive staining. Some of these include: Harris', Mayer's, Gill's and others. All hematoxylin are manufactured according to strict quality control and usually are standard formulations to achieve superior performance and results.

Of particular interest is our Mayer's Hematoxylin. It is one of the progressive hematoxylin we recommend for routine hematoxylin and eosin staining in histology. Hematoxylin is a basic dye (hematein-aluminum complex), and ours produces magnificently stained tissue sections. Our Mayer's hematoxylin has the optimum of oxidation, the proper pH, the ideal amount of special added differentiators, and the correct amount of aluminum for a long shelf life. It is quality controlled to be at optimum staining power when shipped to you. This Mayer's Hematoxylin produces precise nuclear staining showing crisp nuclear membranes and nucleoplasm, exact staining of nucleoli, and minimum staining of cytoplasmic carboxyl and sulfate groups to promote excellent differentiation of eosin as a counterstain.

We are pleased to offer these hematoxylin, and we will enjoy working with you to achieve excellent histologic staining using hematoxylin and eosin.

Packaging

Catalog #	Volume
3560	1 pt
3570	1 qt
3580	1 gal

Staining Procedure

BBC RECOMMENDED AUTOMATED AND MANUAL HISTOLOGY STAINING PROCEDURE FOR MAYER'S HEMATOXYLIN AND EOSIN

*Initially deparaffinize tissue sections with BBC S1™ or Xylene

Step *	Solution	Time
1.	100% Alcohol.....	20 seconds
2.	100% Alcohol.....	20 seconds
3.	95% Alcohol.....	20 seconds
4.	95% Alcohol.....	20 seconds
5.	70% Alcohol.....	20 seconds
6.	Running H ₂ O Wash.....	30 seconds
7.	BBC Mayers Hematoxylin	1-3 minutes
8.	Running H ₂ O Wash	1 minute
9.	BBC Blueing Solution•Histo™	15 seconds
10.	Running H ₂ O Wash.....	1 minute
11.	70% Alcohol.....	30 seconds
14.	BBC Special Eosin I™ or II™, or Eosin Y, or Eosin Y w/ Phloxine B.....	45 seconds
15.	BBC S2•Histo™	20 seconds
16.	BBC S2•Histo™	20 seconds
17.	BBC S2•Histo™	20 seconds
18.	BBC S2•Histo™	20 seconds
19.	BBC S2•Histo™	20 seconds
20.	BBC S3™ or Xylene.....	20 seconds
21.	BBC S3™ or Xylene.....	30 seconds
22.	BBC S3™ or Xylene.....	30 seconds
23.	Mount and coverslip with Optic Mount I™ or an appropriate mounting medium.	

Note: Each of these reagents can be intermixed and used with other staining sequences and other manufacturer's reagents.