

Safranin O Solution

(For Staining Nuclei)

Description:

Safranin O has several uses in histology and cytology but is commonly known for counterstaining nuclei red. This formula contains acetic acid providing a lower pH that reduces non-nucleic background and cytoplasmic staining. This solution is not suitable for bacterial (gram) or cartilage staining.

Results

Nuclei: Red
 Background: Light Red to Pink

Uses/Limitations:

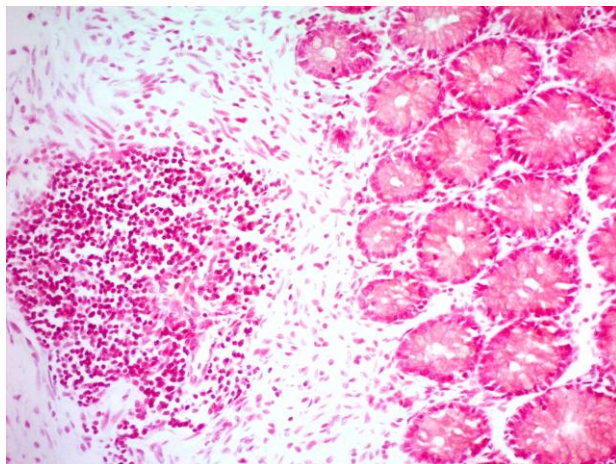
Not to be taken internally.
 For In-Vitro Diagnostic use only.
 Histological applications.
 Do not use if reagents become cloudy.
 This protocol has not been tested on and may not be suitable with frozen sections
 Do not use past expiration date.
 Use caution when handling reagents.
 Non-Sterile.

Control Tissue:

Any well-fixed tissue

Availability/Contents:

Pricing can be found online at www.scytek.com



<u>Item #</u>	<u>Volume</u>
SOH125	125 ml
SOH250	250 ml
SOH500	500 ml
SOH999	1000 ml

Please contact for OEM and bulk pricing.

Precautions:

Avoid contact with skin and eyes.
 Harmful if swallowed.
 Follow all Federal, State, and local regulations regarding disposal.
 Use in chemical fume hood whenever possible.

Storage:

Room Temperature (18-25°C)

Storage: 18° C  25° C



ScyTek Laboratories, Inc.
 205 South 600 West
 Logan, UT 84321
 U.S.A.



IVD

EC REP

Emergo Europe
 Prinsessegracht 20
 2514 AP The Hague, The Netherlands

Notes:

1. This solution contains acetic acid giving it a moderate acidity and making it unsuitable for bacterial (gram) staining or cartilage staining. It also may not be suitable for other purposes besides staining for nuclei. If user would like to increase staining capability of background and bacteria, the pH will need to be raised.

Procedure:

1. Deparaffinize sections if necessary and hydrate to distilled water.
2. Stain tissue with Safranin O solution for 5-10 minutes.
3. Alcohols may remove stain from tissue. Rinse and dehydrate very quickly in absolute ethanol (<30seconds) or alternatively, briefly rinse and air dry slide for greatest retention of stain.

References:

1. Charles H. Sawyek (1940) A Standardized Technic for Safranin O, Stain Technology, 15:1, 3-7, DOI: 10.3109/10520294009110324

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