ab150676

Methyl Green Pyronin
(RNA DNA Stain)

Instructions for Use

For the histological visualization of DNA, RNA and Mast Cell Granules

This product is for research use only and is not intended for diagnostic use.
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1. Introduction

The Methyl Green Pyronin (RNA DNA Stain) is intended for use in the histological visualization of DNA, RNA and Mast Cell Granules.

Staining Interpretation:

<table>
<thead>
<tr>
<th>Component</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>DNA</td>
<td>Blue-Green</td>
</tr>
<tr>
<td>RNA</td>
<td>Pink-Red</td>
</tr>
<tr>
<td>Mast Cell Granules</td>
<td>Pink</td>
</tr>
<tr>
<td>Some Mucins</td>
<td>Red</td>
</tr>
<tr>
<td>Plasma Cell Cytoplasm</td>
<td>Red</td>
</tr>
</tbody>
</table>

Control Tissue:

Any well fixed section (3-5 microns).
2. Kit Contents

<table>
<thead>
<tr>
<th>Components</th>
<th>Amount</th>
<th>Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Green Pyronin Solution</td>
<td>125 ml</td>
<td>RT</td>
</tr>
</tbody>
</table>

3. Storage and Handling

For storage temperatures please see the Table
Keep away from open flame. Refer to the Safety Data Sheet.
4. Additional Materials Required

- Absolute Alcohol
- Xylene

5. Staining Protocol

1. Deparaffinize sections if necessary and hydrate in distilled water.
2. Incubate slide in Methyl Green Pyronin Solution for 2-7 minutes. For enhanced Pyronin (Red) incubate section for 6-7 minutes. Incubating for 2-3 minutes accentuates Methyl Green (Blue-Green) staining.
3. Rinse slide by dipping 1-2 times each in 2 changes of distilled water.
4. Dip slide 2-3 times in absolute alcohol.
5. Briefly air dry.
7. Mount in synthetic resin.

For further technical questions please do not hesitate to contact us by email (technical@abcam.com) or phone (select “contact us” on www.abcam.com for the phone number for your region).
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