Fungi organisms are very difficult to visualize without the aid of special staining procedures.

Two different methods can be used with this stain. The first method is used in combination with a solution of 10% Potassium Hydroxide (JorVet J326). This KOH preparation clears a lot of associated debris and allows easier viewing of fungal structures.

**DIRECTIONS:**

1. Mix the specimen whether a skin scraping, fluid exudate or tissue with two drops of the 10% KOH on a clean slide.
2. Then add 2 drops of the lactophenol cotton blue.
3. Gently press a cover slip to make a thin mount. Also gently warming will aid in clearing the mount.
4. Scan under low power with reduced lighting. Switch to high power to check for the presence of suspected fungal elements.
5. If KOH is not available, the stain can still be used but start with step #2.

**Lactophenol Cotton Blue**

Lactic acid act as a preservative for fungi.
The phenol portion kills the fungi.
The cotton blue stains the fungal elements.

Results: **Fungal elements** are stained a deep blue; background is pale blue. Do not overstain.

**Precautions**

- For invitro diagnostic use only
- Harmful if swallowed
- Store at room temperature
- Wash with water if exposed to skin

Contents: 4 oz. with flip-top cap
Catalog # J-326B

**Contents**

<table>
<thead>
<tr>
<th>Component</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phenol</td>
<td>21.7%</td>
</tr>
<tr>
<td>Lactic acid</td>
<td>21.7%</td>
</tr>
<tr>
<td>Methyl blue</td>
<td>0.25%</td>
</tr>
<tr>
<td>Water</td>
<td>21.7%</td>
</tr>
<tr>
<td>Glycerin</td>
<td>34.8%</td>
</tr>
</tbody>
</table>

Made in USA
Jorgensen Laboratories
Loveland, CO 80538