

 <p><b>Stanton Territorial Hospital</b> P.O. Box 10, 550 Byrne Road YELLOWKNIFE NT X1A 2N1</p>	<p><b>Document Name:</b> Acridine Orange Stain Job Aid</p> <p><b>Distribution:</b> Microbiology Microscopy Manual</p>	<p><b>Document Number:</b> MIC20110</p> <p><b>Date Issued:</b> September 19, 2022</p>
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## **Performing the acridine orange stain:**

<b>1</b>	<p>SoftMic ordering code is:</p> <ul style="list-style-type: none"> <li>• <b>ACROR</b> in the media resulting plate log if used to verify bacteria seen in gram stain</li> <li>• <b>STAU</b> in test reporting log if used to verify no bacteria seen on positive blood culture smear</li> </ul>
<b>2</b>	<ul style="list-style-type: none"> <li>• Turn on the fluorescent component of the microscope and allow the lamp to warm up for at least 15 minutes</li> </ul>
<b>3</b>	<ul style="list-style-type: none"> <li>• Prepare a slide of the sample and allow to dry</li> </ul>
<b>4</b>	<ul style="list-style-type: none"> <li>• Place slide on the slide warmer in the BSC until dry</li> </ul>
<b>5</b>	<ul style="list-style-type: none"> <li>• Fix smear with methanol for 1 minute</li> <li>• Drain off remaining methanol without rinsing</li> <li>• Allow slide to air dry again</li> </ul>
<b>6</b>	<ul style="list-style-type: none"> <li>• Flood slide with acridine orange stain for 2 minutes</li> </ul>
<b>7</b>	<ul style="list-style-type: none"> <li>• Drain the excess stain and rinse thoroughly with tap water</li> </ul>
<b>8</b>	<ul style="list-style-type: none"> <li>• Place slides in a slide holder and allow to drip dry</li> <li>• Stained slides may be placed in the O<sub>2</sub> incubator</li> </ul>

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