

## **Document Name:**

Acridine Orange Stain Job Aid

## **Distribution:**

Microbiology Microscopy Manual

**Document Number:** MIC20110

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Performing the acridine orange stain:

|   | SoftMic ordering code is:   |
|---|---|
|   | ACROR in the media resulting plate log if used to verify                        |
| 1 | bacteria seen in gram stain   |
|   | STAU in test reporting log if used to verify no bacteria                        |
|   | seen on positive blood culture smear  |
| 2 | <ul> <li>Turn on the fluorescent component of the microscope</li> </ul>         |
|   | and allow the lamp to warm up for at least 15 minutes                           |
| 3 | • Propage a clide of the sample and allow to dry                                |
| 3 | Prepare a slide of the sample and allow to dry                                  |
| Λ | Disco clide on the clide warmen in the DCC until dry                            |
| 4 | <ul> <li>Place slide on the slide warmer in the BSC until dry</li> </ul>        |
|   | Fix smear with methanol for 1 minute  |
| 5 | <ul> <li>Drain off remaining methanol without rinsing</li> </ul>                |
|   | Allow slide to air dry again  |
| 6 | <ul> <li>Flood slide with acridine orange stain for 2 minutes</li> </ul>        |
| 0 | Thood since with actionic orange stain for 2 minutes                            |
| 7 | Drain the excess stain and rinse thoroughly with tap                            |
|   | water   |
|   | Place slides in a slide holder and allow to drip dry                            |
| 8 | <ul> <li>Stained slides may be placed in the O<sub>2</sub> incubator</li> </ul> |
|   |   |

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