

Document Name:

Acridine Orange Stain Job Aid

Distribution:

Microbiology Microscopy Manual

Document Number: MIC20110

Date Issued:

September 19, 2022

Performing the acridine orange stain:

| 1 | SoftMic ordering code is: |
|---|---|
| | ACROR in the media resulting plate log if used to verify |
| | bacteria seen in gram stain |
| | STAU in test reporting log if used to verify no bacteria |
| | seen on positive blood culture smear |
| 2 | Turn on the fluorescent component of the microscope |
| | and allow the lamp to warm up for at least 15 minutes |
| 3 | Prepare a slide of the sample and allow to dry |
| 4 | Place slide on the slide warmer in the BSC until dry |
| 5 | Fix smear with methanol for 1 minute |
| | Drain off remaining methanol without rinsing |
| | Allow slide to air dry again |
| 6 | Flood slide with acridine orange stain for 2 minutes |
| 7 | Drain the excess stain and rinse thoroughly with tap |
| | water |
| 8 | Place slides in a slide holder and allow to drip dry |
| | Stained slides may be placed in the O₂ incubator |

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FILENAME: MIC20110-Acridine Orange Stain Job Aid

Print Date: 22 September 2022