



Stanton Territorial Hospital
P.O. Box 10, 550 Byrne Road
YELLOWKNIFE NT X1A 2N1

Document Name:
Acridine Orange Stain Job Aid

Document Number:
MIC20110

Distribution:
Microbiology Microscopy Manual

Date Issued:
September 19, 2022

Uncontrolled When Printed

Performing the acridine orange stain:

1	SoftMic ordering code is: <ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Turn on the fluorescent component of the microscope and allow the lamp to warm up for at least 15 minutes
3	<ul style="list-style-type: none">• Prepare a slide of the sample and allow to dry
4	<ul style="list-style-type: none">• Place slide on the slide warmer in the BSC until dry
5	<ul style="list-style-type: none">• Fix smear with methanol for 1 minute• Drain off remaining methanol without rinsing• Allow slide to air dry again
6	<ul style="list-style-type: none">• Flood slide with acridine orange stain for 2 minutes
7	<ul style="list-style-type: none">• Drain the excess stain and rinse thoroughly with tap water
8	<ul style="list-style-type: none">• Place slides in a slide holder and allow to drip dry• Stained slides may be placed in the O₂ incubator

NOTE: This is a controlled document for internal use only. Any documents appearing in paper form are not controlled and should be checked against electronic version prior to use.

FILENAME: MIC20110-Acridine Orange Stain Job Aid

Print Date: 6 November 2023