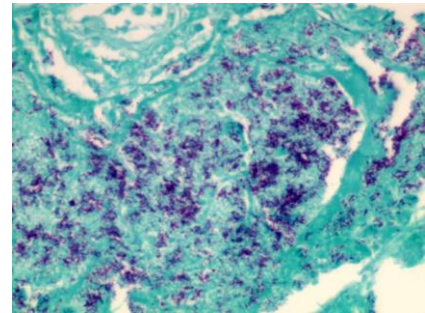


Acid Fast Bacteria (AFB) Stain Kit

Description: The Acid Fast Bacteria (AFB) Stain Kit is intended for use in the histological visualization of Acid Fast Bacteria and Tubercle Bacilli. This kit is a rapid 15-minute procedure. The lipid capsule of the acid-fast organism takes up carbol fuchsin and resists decolorization.

Uses/Limitations: Not to be taken internally. For In-Vitro Diagnostic use only. Histological applications. Do not use past expiration date. Use caution when handling reagents. Non-Sterile.

Control Tissue: Any well fixed section cut 3-5 microns or any air dried smear on clean slide.



Results: Acid Fast Organisms: Red
Background: Light Green

Kit Contents:

<u>Item #</u>	<u>Kit Contents</u>	<u>Volume</u>	<u>Storage</u>
SSC-CFZ125	Carbol Fuchsin Solution	125 ml	18-25°C
SSC-AAL500	Acid Alcohol Solution (0.5%)	500 ml	18-25°C
SSC- LGA125	Light Green Solution	125 ml	18-25°C

Precautions: Avoid contact with skin and eyes.
Harmful if swallowed.
Follow all Federal, State, and local regulations regarding disposal.
Use in chemical fume hood whenever possible.

Note: Carbol Fuchsin Solution should be filtered when a thick sheen develops on top of solution. To avoid possible contamination, gloves should be worn when performing this procedure. Do not use tap water prior to application of Carbol Fuchsin Solution as it is reported that Acid Fast Bacteria can be found in some systems. Therefore use of distilled water is recommended whenever possible.

For information regarding ordering individual components, please contact us at: 800-442-3573.

Control Slides Available. Catalog: CS-AFB/25, Acid Fast Bacteria, 25/pack



Procedure (Standard):

1. Deparaffinize sections if necessary and hydrate to distilled water.
2. Incubate slide in Carbol Fuchsin Solution for 15 minutes.
3. Rinse for 2 minutes in running tap water followed by 2 changes of distilled water.
4. Decolorize in Acid Alcohol Solution (0.5%) until sections are a pale pink color.
5. Dip slide twice in distilled water to rinse.
6. Counterstain in Light Green Solution for 1-2 minutes.
7. Rinse in several changes of distilled water.
8. Dehydrate quickly through graded alcohols ending with 2 changes in absolute alcohol.
9. Clear, and mount in synthetic resin.

References:

1. Clark, G. et al. Staining Procedures, 4th Edition. Williams & Wilkins Press. Baltimore, MD.
2. Sheenan, D.C., Hrapchak, B.B. Theory and Practice of Histotechnology, 2nd Edition. Battelle Press, Columbus, OH.
3. Carson, F.L., 1996, Histotechnology; A Self-Instructional Text, 2nd Edition. ASCP Press, Chicago, IL.



Lot-to-Lot Validation Form
Acid Fast Bacteria (AFB) Stain Kit Catalog: SSK-AFB

Kit Lot Number: _____
Kit Expiration Date: _____
Date Tested: _____
Control Tissue (#) _____
Approved for Use: Y/N _____
Date put into use: _____

If not approved,
corrective actions
taken: _____

Approved by: _____

Kit Component	Lot #
Carbol Fuchsin Solution	_____
Acid Alcohol Solution (0.5%)	_____
Light Green Solution	_____

Replacement Component if used	Replacement Date	Lot #	Accepted Y/N	Comments
Carbol Fuchsin Solution				
Acid Alcohol Solution (0.5%)				
Light Green Solution				
Approved by: _____				

StatLab is providing this form to assist with reagent lot validation as stated in CLIA'88 Standard 493.1256-For reagent(s), the laboratory must do the following: Check each batch (prepared in-house), lot number (commercially prepared) and shipment of reagents, stains, and identification systems (systems using two or more substrates or two or more reagents, or a combination) when prepared or opened for positive and negative reactivity, if applicable.