



Acid Fast Bacteria (AFB) Stain Kit, Kinyoun

Solutions Provided:

#SSC1054-250 - **Carbol Fuchsin, Kinyoun**

#SSC1036-250 - **Acid Alcohol, 1%**

#SSC1096-250 - **Methylene Blue Stock Solution**

Working solution preparation (*stable for one month*):

Methylene Blue Working Solution

Methylene Blue Stock Solution: 5mL

Distilled Water: 45mL

Conventional Procedure

1. Deparaffinize and hydrate sections through alcohol to distilled water.
2. Stain sections in **Carbol Fuchsin, Kinyoun** for **1 hour at room temperature** or **30 minutes at 56° C**.
3. Thoroughly rinse sections in running tap water.
4. Differentiate in 2 changes of **Acid Alcohol, 1%** until tissue section becomes pale pink.
5. Thoroughly rinse sections in running tap water.
6. Counterstain in **Methylene Blue Working Solution** for **2-3 seconds**.
7. Dehydrate slides in two changes of 100% Alcohol.
8. Clear and mount with appropriate mounting medium.

Results:

Acid Fast Bacteria: Bright Red

Background: Light Blue

