Usage procedure for:

Acid Fast Bacteria (AFB) Stain Kit

Avantik Kit Item #: RS4545-125 | RS4545-250 | RS4545-500

Solutions Provided in Stain Kit:
Carbol Fuchsin, Ziehl-Neelsen
Acid Alcohol, 1%
Light Green Counterstain

Conventional Procedure
1. Deparaffinize and hydrate sections through alcohol to distilled water.
2. Stain sections in Carbol Fuchsin, Ziehl-Neelsen for 30 minutes.
3. Thoroughly wash sections in running tap water.
4. Differentiate in 2 changes of Acid Alcohol, 1% until tissue section becomes pale pink.
5. Thoroughly wash sections in running tap water, then rinse in distilled water.
6. Counterstain in Light Green Counterstain for 30-90 seconds or until desired intensity is reached. Sections should be stained pale green.

Note: Be cautious not to over stain with this solution.
7. Thoroughly was sections in running tap water, then rinse in distilled water.
8. Dehydrate slides in two changes each of 95% Alcohol and 100% Alcohol.
9. Clear and mount with appropriate mounting medium

Results:
Acid Fast Bacteria: Bright Red
Background: Light Green

Kit Components and Related Control Slides:
Avantik Item Numbers:
Carbol Fuchsin, Ziehl-Neelsen: RS4398-250 (250mL) | RS4398-500 (500mL)
Acid Alcohol, 1%: RS4386-250 (250mL) | RS4386-500 (500mL)
Light Green Counterstain: RS4421-250 (250mL) | RS4421-500 (500mL)
Acid Fast Bacilli (AFB) Pos/Neg Control Slides: SL6363-A (Pack/12) | SL6363-B (Pack/12) | SL6363-D (Pack/100)
Acid Fast Bacilli (AFB) Control Slides: SL6220-A (Pack/12) | SL6220-B (Pack/25) | SL6220-D (Pack/100)