



Instructions For Use

CFK-IFU

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Carbol Fuchsin Solution (Kinyoun's)

Description and Principle

The Carbol Fuchsin Solution (Kinyoun's) is intended for use in the histological visualization of Acid Fast Bacteria and Tubercle Bacilli. This reagent is a rapid 2-5 minute procedure. The lipid capsule of the acid-fast organism takes up carbol fuchsin and resists decolorization.

Expected Results

Acid Fast Organisms: Bright Red

Additional Required Reagents (Not Included)

1. Acid Alcohol Solution (0.5%). ScyTek Product Code: AAL.
2. Light Green Counterstain. ScyTek Product Code: LGA.

Suggested Controls (not provided)

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

Uses/Limitations

Not to be taken internally.
For In-Vitro Diagnostic use only.
Histological applications.
Do not use if reagent become cloudy.
Do not use past expiration date.
Use caution when handling reagent.
Non-Sterile.

Storage

Store at room temperature (18-25°C).

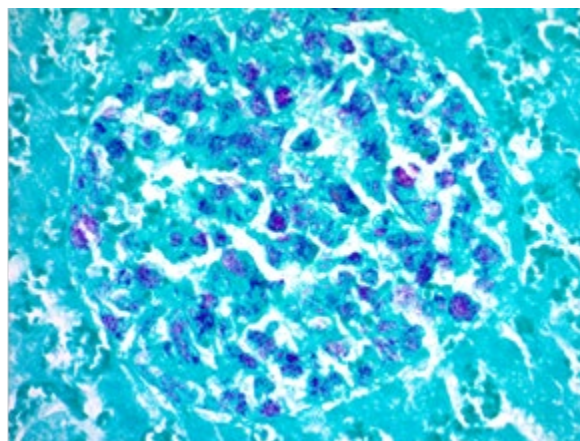
Safety and Precautions

Please see current Safety Data Sheets (SDS) for this product and components GHS classification, pictograms, and full hazard/precautionary statements.

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 water systems. Therefore use of distilled water is recommended whenever possible.

Procedure

1. Deparaffinize sections if necessary and hydrate to distilled water.
2. Incubate slide in Carbol Fuchsin Solution for 2-5 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. Counterstain in Light Green Solution (Catalog# LGA) for 1-2 minutes.
6. Rinse in several changes of distilled water.



7. Dehydrate quickly through graded alcohols ending with 2 changes in absolute alcohol.

8. Clear, and mount in synthetic resin.

References

1. Kinyoun, J.J., et al., American Journal of Pub. Health, Volume 5, Page 867, 1915.



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