

Alizarin Complexone Staining Solution

Cat #: A-CSH355

Size: 100mL

Storage: Room temperature, avoid light (18 months)

Product Composition

Component	Size	Store at
Compound red stone carbonate staining solution	100ml	10~30°C, and were protected from light

Product Description

The Stone's carbonic acid fuchsin staining solution is different from the modified phenol fuchsin staining solution. The Stone's carbonic acid fuchsin staining solution is mainly composed of stone's carbonic acid and basic fuchsin. It is primarily used for staining sputum smears or swabs for tuberculosis bacteria and Gram staining, and is less commonly used alone. The modified phenol fuchsin staining solution, also known as carbol fuchsin staining solution, is mainly composed of phenol, basic fuchsin, resorcinol, oxidizing agents, and other components. It is commonly used for nuclear staining, fixation, and staining of chromosomes.

The Stone's carbonic acid fuchsin staining solution is primarily used for acid-fast bacilli staining and Gram staining, but it can also be used alone.

Usage

(I) Acid-fast staining:

1. Take the sample to be tested with an inoculating loop and smear it on a glass slide. Let it air-dry.
2. Add drops of Stone's carbonic acid fuchsin staining solution and stain for 5-10 minutes. No heating is necessary. Rinse with distilled water.
3. Decolorize with a decolorizing solution until there is no red color. Rinse with distilled water.

4. Stain with methylene blue staining solution for 30-60 seconds. Rinse with distilled water.
5. Gently blot off excess water and let it air-dry.
6. Examine under a microscope using an oil immersion lens.

(II) Staining of paraffin sections:

1. Deparaffinize the paraffin sections to water.
2. Add drops of Stone's carbonic acid fuchsin staining solution and stain for 3-5 minutes. Rinse briefly with running water.
3. Perform differentiation with hydrochloric acid-ethanol solution for 5-10 seconds. Rinse briefly with running water.
4. Clear directly with xylene and mount with a mounting medium.

The Stone's carbonic acid fuchsin staining solution is different from the modified phenol fuchsin staining solution. The Stone's carbonic acid fuchsin staining solution is primarily composed of stone's carbonic acid, basic fuchsin, and other components. It is mainly used for staining sputum smears or swabs for tuberculosis bacteria and Gram staining, and is less commonly used alone. The modified phenol fuchsin staining solution, also known as carbol fuchsin staining solution, is mainly composed of phenol, basic fuchsin, resorcinol, oxidizing agents, and other components. It is commonly used for nuclear staining, fixation, and staining of chromosomes.

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Staining Results

nucleus	Pink or red
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Notes

1. After staining, immediate observation under a microscope is recommended.
2. For your safety and health, please wear laboratory attire and disposable gloves while performing the procedure.

Disclaimer

The reagent is only used in the field of scientific research, not suitable for clinical diagnosis or other purposes.