



Instructions For Use

TEAK-IFU

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TEA Stain Kit

Description and Principle

TEA Stain Kit is intended for use in cytological applications. TEA stain solutions #1 and #2 are used to stain a smeared slide for microscopic examination during rapid on-site evaluation (ROSE), with the option for permanent staining.

Expected Results

Nuclei:	Blue
Cytoplasm:	Light pink

Kit Contents

1. TEA Stain #1
2. TEA Stain #2

Storage

18-25°C
18-25°C

Suggested Controls (not provided)

Slide smear.

Uses/Limitations

For In-Vitro Diagnostic use only.
Do not use if reagents become cloudy or precipitate
Do not use past expiration date.
Use caution when handling reagents.
Non-Sterile
Intended for cytology specimens.

Storage

Store kit and all components 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.

Procedure for TEA Staining:

1. Prepare a slide smear.

2. Ensure that the smear size is appropriate (covers 1/2 to 2/3 of the slide) to achieve optimal stain exposure.

3. Staining with TEA Solution:

- Either spray TEA Stain #1 onto the slide smear or dip it in a jar containing solution for at least 3 seconds. (Note: The duration of exposure to TEA Stain #1 determines the color of the cytoplasm. A shorter exposure is desirable to prevent RBCs from picking up the stain.)
- Add 2-3 drops of TEA Stain #2, allow it to sit for a minimum of 3 seconds. (Note: Longer exposure to TEA Stain #2 retains more blue color in the nuclei and background. A shorter exposure is desirable to prevent the background from retaining excess stain.)

4. Place a coverslip on top of the stained slide.

5. Gently apply pressure to the coverslip using paper towels or gauze, guiding any excess stain to the edges.

6. Slide is ready for microscopic examination.



Slide Aftercare Following ROSE:

1. Place the specimen slide with coverslip in an alcohol container. This step aids in the de-staining process.

2. Send the container to the cytology lab for re-staining with PAP stain. The coverslip will fall off or peel off easily with gentle traction.

- Note: Re-staining with PAP stain or using the slide for other ancillary testing, such as IHC or molecular tests, can be performed because TEA stain solutions are alcohol-based and do not interfere with these studies. For optimum results, place the slide in an alcohol-based fixative solution not greater than 48 hours.

- Use your regular in-house de-staining procedure, if necessary or if the coverslip did not fall off, to process the slide for re-staining with PAP or ancillary testing.

Procedure for Permanent TEA Staining:


1. Follow steps 1-3 of the TEA Staining Procedure.

2. Dip the slide 10 times in de-ionized water to rinse off the TEA stains.

3. Apply Xylene or a similar product to the top of the slide.

4. Gently apply pressure to the coverslip using paper towels or gauze.

5. The permanent slide is now ready for microscopic examination.

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