

TECHNICAL DATA SHEET 805

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Neat Stain Trichrome Stain Kit

SUMMARY

For the staining of stool specimens. This procedure is based upon the Wheatley trichrome technique (1951) which is a rapid staining procedure providing good results for routine examination. The method has been simplified so use of a mordant prior to staining is not necessary.

STORAGE CONDITIONS

Store at controlled room temperature (15-30°C). Opened cuvettes can be resealed between uses, with the supplied adhesive backed foil strips.

PROCEDURAL NOTES

The reagents may be used with individual slides or a five slide holder is available. Use 25 x 75 x 1mm slides to avoid procedural difficulties. Slides should be drained well between solutions by blotting on a paper towel two to four seconds, to minimize carry-over to the next cell. Since the acid alcohol continues to decolorize when removed from solution, compensate for the time required for it to drain when blotted and into the next cell, 95% alcohol. All reagents are necessary and included with the exception of the xylene and carbol-xylene.

Place specimen toward lower half of slide to insure it is fully immersed in reagents. Although the inner chambers of cuvettes have been designed to minimize contact with specimens, it is recommended that care be exercised to avoid scraping of slides. When resealing cuvettes with supplied foil, press foil firmly around perimeter of the cuvette. This will minimize evaporation to allow storage of an opened pack for approximately one week.

Note: Xylene maybe substituted for the carbol-xylene steps and processing time adjusted to meet user requirements.

TECHNIQUE FOR A PVA FIXED SPECIMENS

1. 70% alcohol/iodine solution	10 to 20 minutes
2. 70% alcohol	3 to 5 minutes
3. 70% alcohol	3 to 5 minutes
4. Trichrome Stain	8 minutes
5. 90% Alcohol, acidified	5 to 10 seconds
6. 95% Alcohol	rinse briefly
7. 95% Alcohol	5 minutes
8. Carbol-xylene	5 to 10 minutes
9. Xylene	10 minutes

TECHNIQUE FOR UNPRESERVED SPECIMENS

1. Schaudinn's fixative	5 minutes @50° C or 1 hour at RT
2. 70% alcohol/iodine	1 minute
3. 70% alcohol	1 minute
4. 70% alcohol	1 minute
5. Trichrome Stain	2 to 8 minutes
6. Acid alcohol	5 to 10 seconds
7. 95% alcohol	rinse briefly
8. 95% alcohol	rinse twice
9. Carbol-xylene	1 minute
10. Xylene	1 to 3 minutes

Mount coverslip using suitable mounting medium for both methods.

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Note: Most supplied reagents are flammable liquids with the exception of Trichrome stain. Use with adequate ventilation. Avoid excessive heat, sparks and open flame. Reagents will cause eye irritation. In case of contact, flush eyes with water for 15 minutes. Wash thoroughly after handling. Contact a physician if necessary.

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Ordering Information:

Cat. #	Description	Size
25035	Neat Stain Trichrome Stain Kit	1 Kit

Additional Products

25033	Neat Stain Slide Holder	1 Unit
07441	Plain Microscope Slides	1 Box (72)

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