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CONTROL SLIDES FOR: BILE

Catalog# 4060

PRODUCT DESCRIPTION

The enclosed quality control slides are intended to be used to verify histological techniques and reagent reactivity. They are to be used for the qualitative purpose of determining positive or negative results, and are not intended to be used for any quantitative purpose. Please review the stained slide with your pathologist to ensure that this tissue source is acceptable **before** using the slides.

Newcomer Supply, Inc., takes reasonable measures to deliver quality control slides that are as consistent as possible for the same end-product. However, the characteristics of quality control slides for this end-product may be dissimilar due to variations in the reagents, stains, techniques, laboratory conditions, and tissue sources used.

These Bile Control Slides were produced in our laboratory under carefully controlled conditions. The sections were made from surgically removed human tissues displaying Bile deposits and the typical accompanying morphology.

METHOD

Fixation: 10% Neutral Buffered Formalin

Technique: Paraffin sections cut at approximately 5 microns

Solutions: All solutions are manufactured by Newcomer Supply, Middleton, Wisconsin, 53562

Components

Fouchet's Reagent	Cata # 1095
Ferric Chloride, 29% Stock / or	Cata # 1086
Ferric Chloride, 10% Working	Cata # 10856
Van Gieson's Solution	Cata # 1404

STAINING PROCEDURE, BILE STAIN, HALL'S METHOD

1. Deparaffinize and hydrate to distilled water, washing sections well.
2. Place slides in freshly filtered Fouchet Reagent for 5 minutes.
3. Rinse in 2 or 3 changes of tap water, followed by a distilled water rinse.
4. Stain sections in Van Gieson's Solution for 5 minutes.
5. Place slides in 95% alcohol, rinsing well.

6. Dehydrate, clear and mount with a compatible synthetic mounting medium.

RESULTS

Bile (biliverdin)
Background

Emerald green to olive drab
Yellow

REFERENCES

1. *Histotechnology: A Self-Instructional Text*, Carson, F., ASCP Press, Chicago, pp. 219-220.
2. *Theory and Practice of Histotechnology*, Sheehan, D., and Hrapchak, B., 2nd edition, Batelle Press, Columbus and Richland, p. 219.

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