ACID RINSE - H&E DECOLORIZING RINSE

PURPOSE: Used in regressive staining, differentiating hematoxylin.

REAGENTS:

5% Acid Water - Automatic Stainer
Distilled water 950.0 ml 2850.0 ml
Acetic acid, glacial 50.0 ml 150.0 ml

Mix well, label and date. Differentiate for 1 minute.

CAUTION: Acid, corrosive.

0.25% Acid Rinse - Hand Staining
Distilled water 975.0 ml
Hydrochloric acid 25.00 ml

Mix well, label and date. Differentiate for 10 dips.

CAUTION: Acid, corrosive.

SAFETY & PPE: Wear nitrile gloves, lab coats and goggles. Always add the acid to the water. Call safety services for large spill cleanup. Use the acid spill kit for small spills or containment.

Acetic acid: Irritating to respiratory system. Target organ effects on respiratory system by inhalation. Corrosive.

Hydrochloric acid: Strong irritant to skin, eyes and respiratory system. Target organ effects via inhalation on skin, respiratory, reproductive and fetal systems. Corrosive.

NOTE:
1. The acid rinse can be made up with 70, 80, or 95% alcohol. The higher the alcohol concentration the slower the decolorizing.
STOCK SOLUTIONS

ACID RINSE

REFERENCE:
Crookham,J, Dapson,R, Hazardous Chemicals in the Histopathology Laboratory, 2nd ED, 1991, Anatech

Prepared: ___________________________ By: ________________

Approved: ___________________________ By: ________________

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5% ACID RINSE
Automatic Stainer
Distilled water 1900.0 ml
Acetic acid, glacial 100.0 ml
Mix well, label and date. Differentiate for 1 minute.
CAUTION: Acid, corrosive.
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DATE:________________________
TECH:________________________
EXPIRATION:__________________

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Hand Staining
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