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**ACID RINSE - H&E DECOLORIZING RINSE**

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**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

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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.

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

DATE: \_\_\_\_\_

TECH: \_\_\_\_\_

EXPIRATION: \_\_\_\_\_

**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, corrosives.

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

DATE: \_\_\_\_\_

TECH: \_\_\_\_\_

EXPIRATION: \_\_\_\_\_