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**ALCOHOLIC BOUIN'S / DUBOSCQ-BRAZIL FLUID**

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**PURPOSE:** For the fixation of kidney biopsies. Histology prepares the fixative.

**REAGENTS:**

**Stock Alcoholic Bouin's**

**Solution:**

80% alcohol	750.0 ml
Formaldehyde	300.0 ml
Picric acid	5.0 gm

**Working Solution:**

Stock solution	70.0 ml	14.0 ml
Acetic acid	5.0 ml	1.0ml

Add the acetic acid right before use.

Mix solution well. Solution is stable for 2 years. Initial and date label.

**CAUTION:** Carcinogenic, flammable, corrosive.

**SAFETY:** Wear gloves, goggles and lab coat. Work under hood or well ventilated area. Avoid contact and inhalation.

Picric acid can become explosive if allowed to dry out. Toxic through skin exposure.

Formaldehyde: severe eye and skin irritant. Sensitizer by skin and respiratory contact. Toxic by ingestion and inhalation. Target organ effects on respiratory system. Corrosive. Carcinogen. Label with FORMALDEHYDE WARNING label.

Acetic acid: Target organ effects respiratory system. Corrosive.

**FIXATION TIME:** 1 to 4 hours.

**PROCEDURE:**

1. Place fresh tissue specimen in Working Alcoholic Bouin's fixative.
2. After adequate fixation time, transfer tissue to 70% alcohol.

REFERENCE:

Zamboni,L., Preparation of Pericutaneous Kidney Biopsy for Light  
Microscopy, Human Path., Vol. III, pp. 127-132,1972

Clark, G, Staining Procedures, 4th Ed, 1981, pp15, Williams & Wilkins

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

Prepared: \_\_\_\_\_ By: \_\_\_\_\_

Approved: \_\_\_\_\_ By: \_\_\_\_\_

**Stock      Alcoholic      Bouin's  
Solution:**

80% ETOH		750.0 ml
formaldehyde		300.0 ml
Picric acid		5.0 gm

Mix solution well, stable 1 year.  
Initial and date.

**Working Solution:**

Stock solution	70.0 ml	14.0 ml
Acetic acid	5.0 ml	1.0ml

Add the acetic acid right before  
use.

**CAUTION:** Carcinogenic, contains  
formaldehyde, flammable, corrosive.

**SAFETY & PPE:** Wear gloves,  
goggles and lab coat. Avoid contact  
and inhalation

Date: \_\_\_\_\_

Tech: \_\_\_\_\_