

Appendix

Reagent preparation:

Fixative:

- 1- *Buffer formalin fixative (formalin 100ml, acid sodium phosphate monohydrate 4 gram, anhydrous disodium phosphate 6.5 gram and tap water 900ml).*
- 2- *Formal saline fixative (formalin 100ml, sodium chloride 8.5 and tap water 900ml)*
- 3- *Carney's fixative (60% absolute ethanol, 30% chloroform and 10% acetic acid).*
- 4- *Methcarn's fixative (methanol 60%, 30%chloroform and 10% acetic acid).*
- 5- *Elseriow fixative (mix equal volume of ethanol and methanol and take 60% of mixture, 30% chloroform, 7% of acetic acid and 3% acid formalin).*

Stain preparation:

Methyl Green Pyronin

- 1- *2% Methyl Green 9ml (chloroform washed)*
- 2- *2% Pyronin Y 4ml*
- 3- *Acetate buffer 23ml*
- 4- *Glycerol 14ml*

Mix well

Reagent of Feulgen:

1N Hydrochloric Acid

<i>Hydrochloric Acid</i>	<i>8.5ml</i>
<i>Distilled water</i>	<i>91.5ml</i>

Schiff's

Commercially prepared by Fisher Co.

Expiration date and lot number on bottle.

Store in refrigerator.

10% Sodium Metabisulfite

<i>Sodium Metabisulfite</i>	<i>10gm</i>
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<i>Distilled water</i>	<i>100ml</i>
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Sulfurous Rinse

<i>10% Sodium Metabisulfite</i>	<i>12ml</i>
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<i>1N Hydrochloric Acid</i>	<i>10ml</i>
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<i>Distilled water</i>	<i>200ml</i>
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